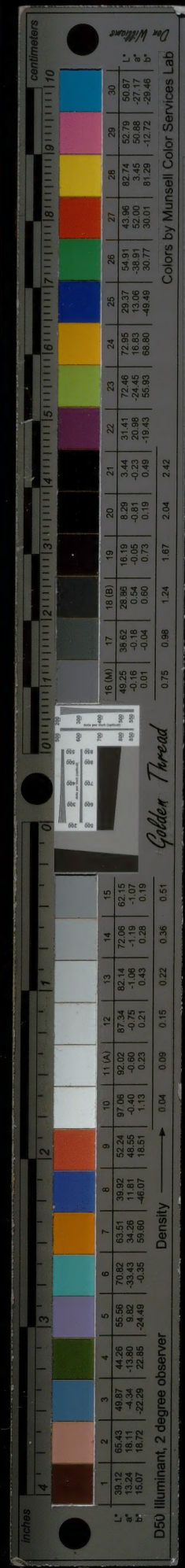


1874  
JAN 1





No. 17701. Q

THE  
LIBRARY COMPANY  
OF  
PHILADELPHIA.

Communiter bona profundere deorum est.







1/8/1923



ON THE

# CLASSIFICATION OF BOOKS

A PAPER READ BEFORE THE AMERICAN LIBRARY  
ASSOCIATION, MAY, 1882.

BY

LLOYD P. SMITH,

LIBRARIAN OF THE LIBRARY COMPANY OF PHILADELPHIA.

*Expertus disces quam gravis iste labor.—Facciolati.*

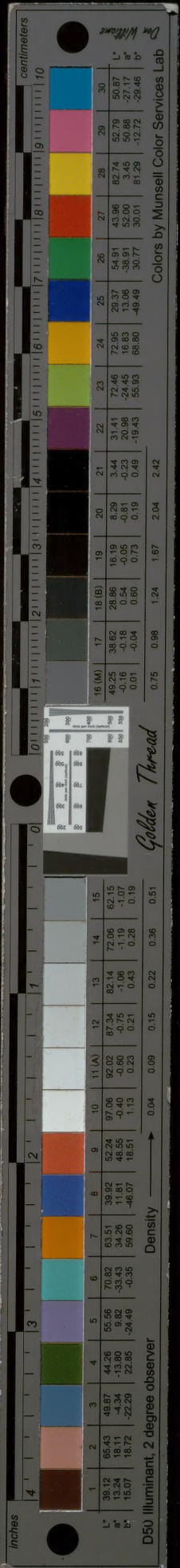
BOSTON

LIBRARY BUREAU

PUBLISHERS OF WORKS ON PUBLIC AND PRIVATE LIBRARIES AND LIBRARIANSHIP

32 HAWLEY STREET.

1882.





COPYRIGHT  
LIBRARY BUREAU  
1882



TO THE  
*Memory*  
OF  
BENJAMIN FRANKLIN

FOUNDER OF THE PHILADELPHIA LIBRARY

MDCCXXXI

AND ITS FIRST LIBRARIAN

JAMES LOGAN

FOUNDER OF THE LOGANIAN LIBRARY

MDCCL

AND

JAMES RUSH

FOUNDER OF THE RIDGWAY BRANCH

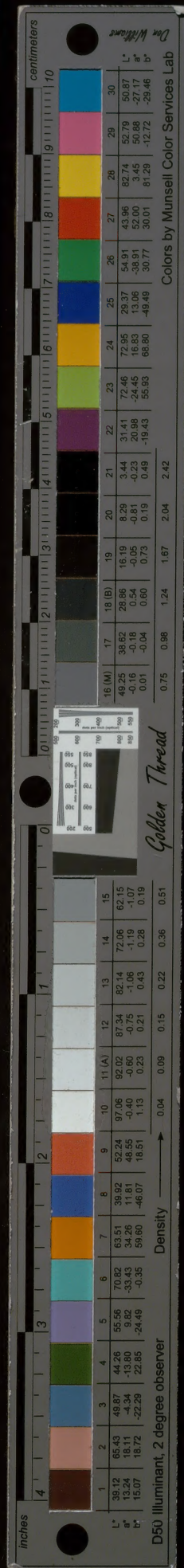
MDCCCLXIX

THIS HUMBLE CONTRIBUTION TO BIBLIOGRAPHICAL SCIENCE

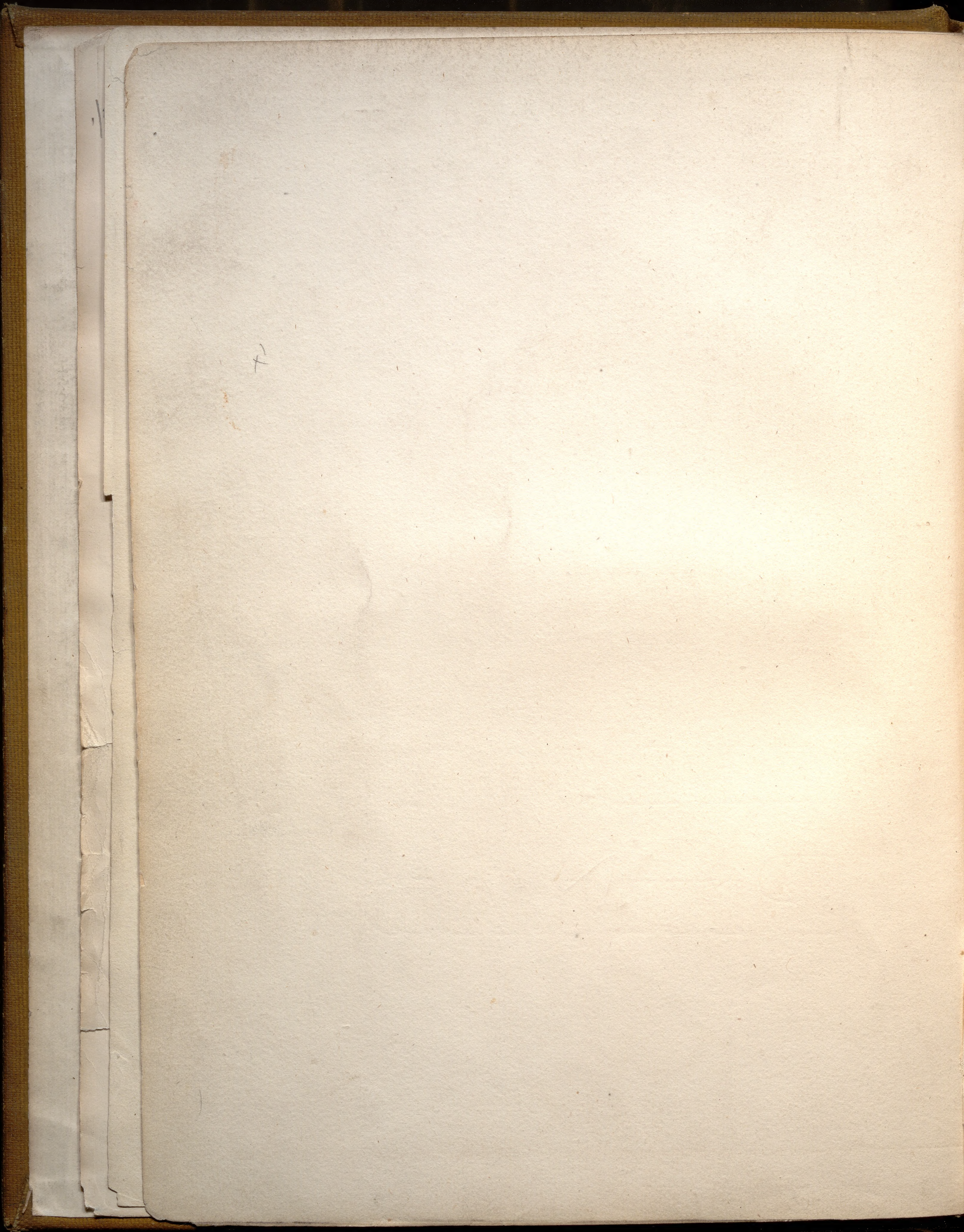
IS INSCRIBED BY THE

AUTHOR.

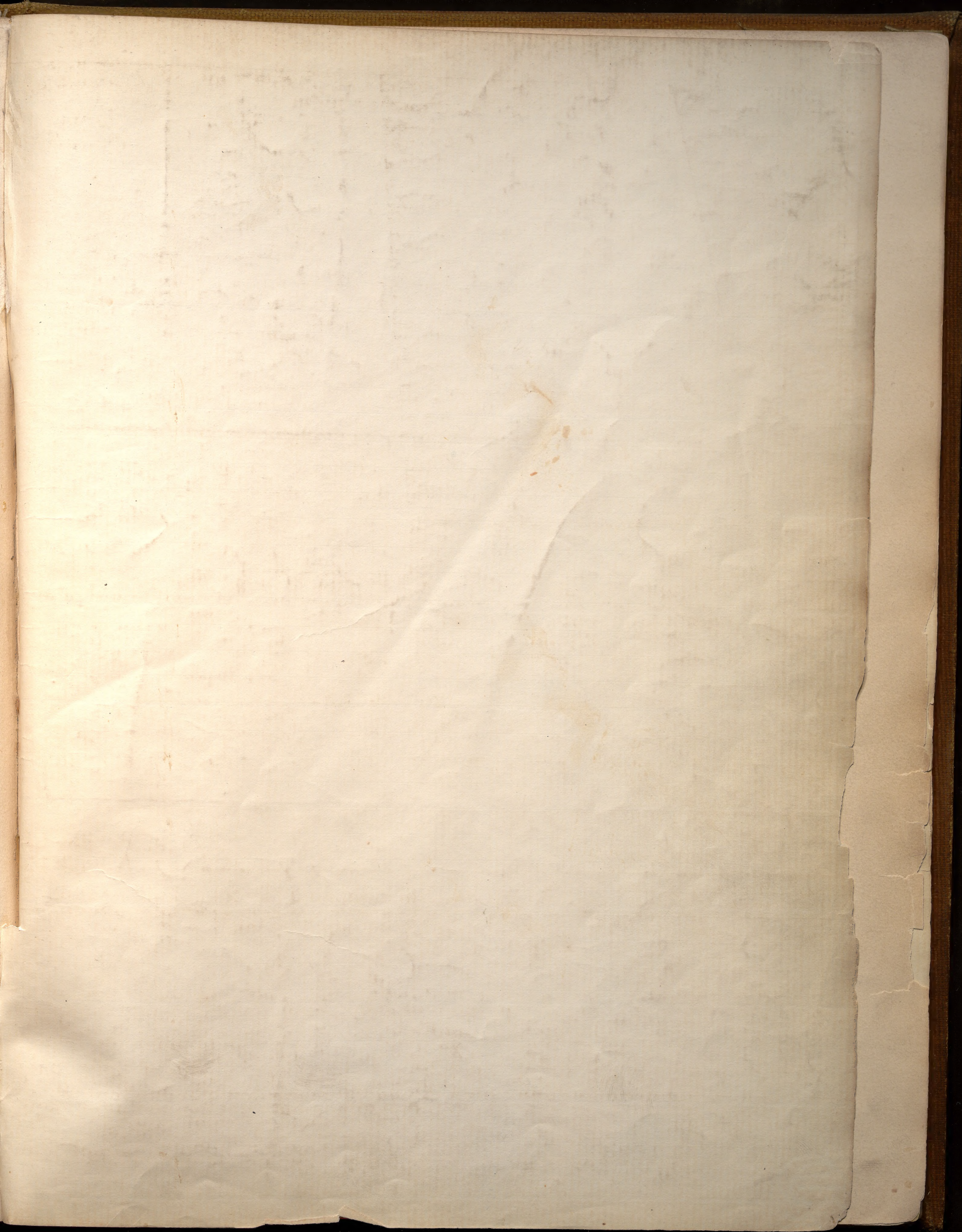
MAY, 1882.











inches 4 3 2 1 0

centimeters 10 9 8 7 6 5 4 3 2 1 0

16 (M) 17 18 (B) 19 20 21 22 23 24 25 26 27 28 29 30

	1	2	3	4	5	6	7	8	9	10	11 (A)	12	13	14	15	
L*	39.12	65.43	49.87	44.26	55.56	70.82	63.51	39.92	52.24	97.06	92.02	87.34	82.14	72.05	62.15	
a*	13.24	18.11	-4.34	-13.80	9.82	-33.43	34.26	11.81	48.55	-0.40	-0.60	-0.75	-1.06	-1.19	-1.07	
b*	15.07	18.72	-22.29	22.85	-24.49	-0.35	59.60	-46.07	18.51	1.13	0.23	0.21	0.43	0.28	0.19	
Density											0.04	0.09	0.15	0.22	0.36	0.51

D50 Illuminant, 2 degree observer

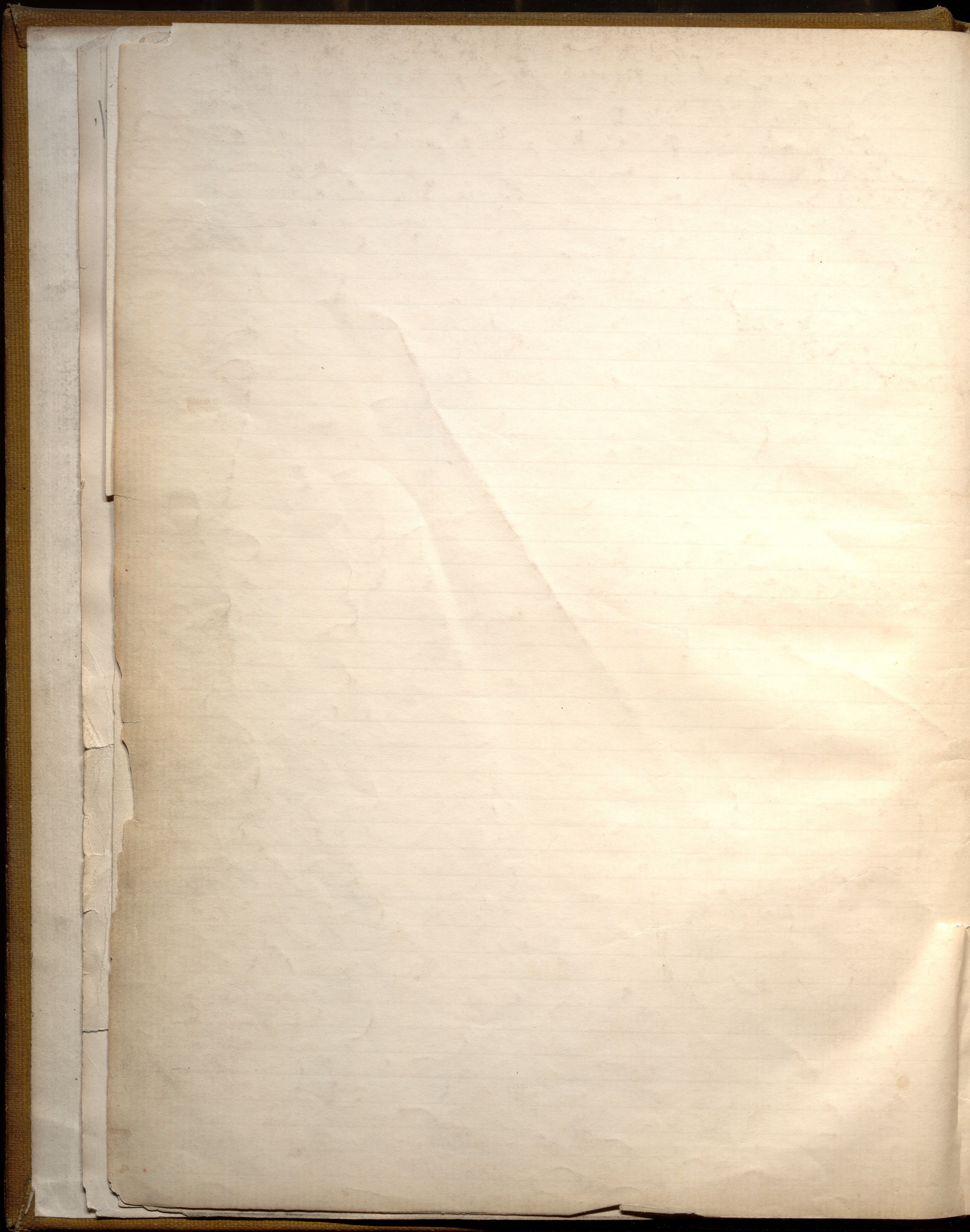
Golden Thread

Colors by Munsell Color Services Lab

Don Williams

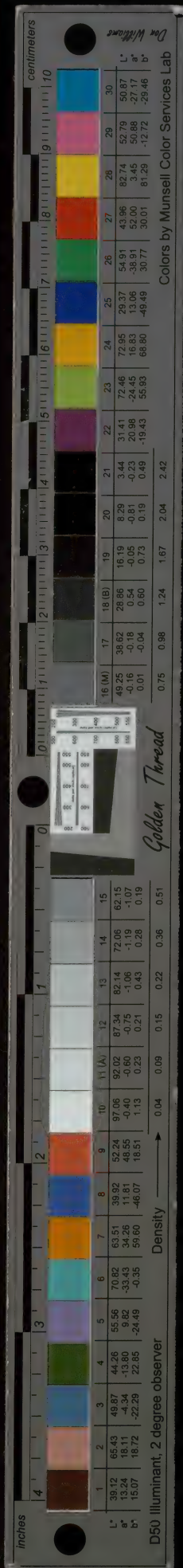
	16	17	18 (B)	19	20	21	22	23	24	25	26	27	28	29	30
L*	49.25	38.62	28.86	16.19	8.29	3.44	31.41	72.46	72.95	29.37	54.91	43.96	82.74	52.79	50.87
a*	-0.16	-0.18	0.54	-0.05	-0.61	-0.23	20.98	-24.45	16.83	13.06	38.91	52.00	3.45	50.88	27.17
b*	0.01	-0.04	0.60	0.73	0.19	0.49	-19.43	55.93	68.80	-49.49	30.77	30.01	81.29	-12.72	-29.46







A PLAN  
FOR THE  
CLASSIFICATION OF BOOKS  
AS WELL IN A  
PRINTED CATALOGUE  
AS ON THE  
SHELVES OF A LIBRARY.









inches 4 3 2 1 0 1 2 3 4 centimeters 10 9 8 7 6 5 4 3 2 1 0

1 2 3 4 5 6 7 8 9 10 11 (A) 12 13 14 15

L*	39.12	65.43	49.87	44.26	55.56	70.82	63.51	39.92	52.24	97.06	92.02	87.34	82.14	72.05	62.15
a*	13.24	18.11	-4.34	-13.80	9.82	-33.43	34.26	11.81	48.55	-0.40	-0.60	-0.75	-1.06	-1.19	-1.07
b*	15.07	18.72	-22.29	22.85	-24.49	-0.35	59.60	-46.07	18.51	1.13	0.23	0.21	0.43	0.28	0.19

D50 Illuminant, 2 degree observer

Density → 0.04 0.09 0.15 0.22 0.36 0.51

16 (M) 17 18 (B) 19 20 21 22 23 24 25 26 27 28 29 30

L*	49.25	38.62	28.86	16.19	8.29	3.44	31.41	72.46	72.95	29.37	54.91	43.96	82.74	52.79	50.87
a*	-0.16	-0.18	0.54	0.05	-0.17	-0.18	-0.16	-0.01	-0.04	0.60	0.73	0.19	0.49	0.12	0.13
b*	0.01	-0.04	0.60	0.73	0.19	0.49	-0.16	55.93	68.80	-49.49	30.71	30.01	81.29	12.72	29.46

Colors by Munsell Color Services Lab

Golden Thread

Don Williams







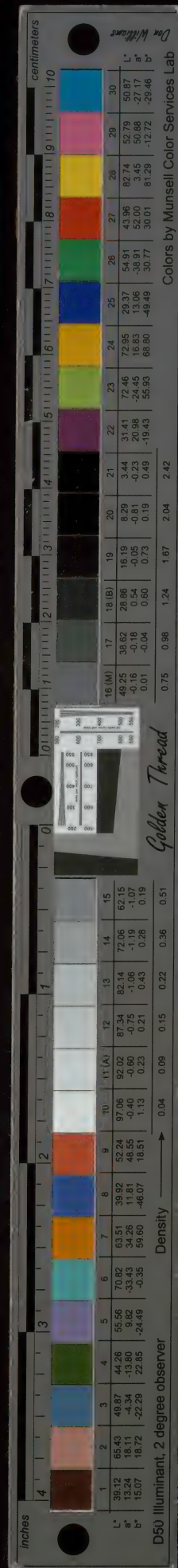
## INTRODUCTION.

HOWEVER they may differ on the subject of cataloguing, librarians are agreed that books should be arranged on the shelves according to subjects. Experience teaches that it is impossible to attach too much importance to the advantages flowing from a wise and methodical order in the arrangement of a library. It is when it comes to systems of classification that experts—a limited number—begin to differ; and the reason is not far to seek. It is mainly because of the hardness of the task, which is so great that Aristotle, who executed it for the King of Egypt, was said by Strabo to be the only man who was ever able to arrange the books of a large library in an orderly and systematic manner. From that time to the present, the classification of human knowledge has occupied, more or less, the attention of some of the wisest of mankind, including such men as Bacon, Leibnitz, D'Alembert, and Coleridge. I refrain from wearying you with an account of the various systems which have been put forward from age to age. Those who wish to examine the history of the subject, will find it set down in detail in Woodward's *System of Universal Science* (Philadelphia, 1816). Suffice it to say that the genius of orderly arrangement seems, in modern times, to have taken up its special abode with the French, who have succeeded as well in classifying books as they have in ordering some other things usually considered more important.

The system of dividing a library into five classes—Theology, Jurisprudence, Sciences and Arts, Belles Lettres, and History, the whole followed or preceded by Bibliography—is commonly ascribed to the great French bibliographer, G. F. De Bure, a bookseller of Paris (1731–1782); but he appears to have merely adopted the plan of his predecessor in the same business, Gabriel Martin (1679–1761), who himself borrowed from Jean Garnier's *Systema bibliothecæ collegii Parisiensis Societatis Jesu* (1678). The plan, being found to work well in practice, has since been commonly followed in the catalogues and libraries of France, and, indeed, of the Continent generally; and in the arrangement of its books on the shelves, a system not very different is now practised at the British Museum. This plan was also deliberately adopted, but not without valuable improvements in detail, in the preparation of his catalogue of the Philadelphia Library (1835) by my learned and painstaking predecessor, the late George Campbell. That classified catalogue was a thorough and scholarly piece of work, to which ~~was~~ added a copious alphabetical Index; but in the mean time the Philadelphia Library had no classification on the shelves, it being probably the only large collection of books in the world where the volumes were arranged by sizes only, and in the order of accession. The defects of that system—or want of system—were so serious that, on the occasion of removing the Loganian Library and the greater part of the books of the Library Company, in 1878, to the Ridgway Branch, the opportunity was embraced to make a more logical disposition of them on the shelves, and one based, as to its main features, on the

(vii)

myself





system of the printed catalogue of 1835. It was in the actual execution of this work—*res sane magni momenti multique sudoris*—that the accompanying classification was wrought out; and as a bibliographical system, to be of value, must be the fruit of experience rather than an effort of genius, it has occurred to me that my fellow-members of the American Library Association might possibly find in it some useful suggestions.

The classification is intended to be permanent only so far as the six main classes A E I O U and Y, and their sub-classes a, b, c, d, e, etc., are concerned. In its details it is open to modification to suit the needs of libraries devoted mainly to the collection of one or a few classes of books. As the volumes multiply on the shelves, it is obvious that the divisions 1, 2, 3, 4, etc., can be added to indefinitely,—by each librarian for himself—without deranging the system. Moreover, the divisions can themselves be subdivided by supplying arbitrary marks. For example, under Zoology (I16), I have made but one subdivision, that of Birds (I16+), whereas an Academy of Natural Sciences might well find it expedient to distribute their works on the animal kingdom in accordance with the elaborate plan set forth in Agassiz's *Essay on Classification*. On the other hand, a small library may content itself with the classes and sub-classes marked by letters only, or even with the classes A E I O U Y alone. It is to be remarked in passing that, by this arrangement, whatever improvements may be made from time to time in the details of the system, the books have always a relative, and not a fixed location on the shelves, so that they may be moved from shelf to shelf, from case to case, and from building to building, without altering the shelf marks.

The system is available, not only for the arrangement of books on the shelves, but also for their classification in a subject catalogue. Indeed, the shelf lists themselves form—when properly made—a subject catalogue, which may be sent off to the printer as soon as there is money enough to pay for setting them up in type. It is true that most of the ends of a subject catalogue may be gained by the modern dictionary catalogue—combining authors and subjects in one alphabet—which it is to the credit of Mr. Poole to have invented, and of Messrs. Cutter, Noyes, and others to have developed; but, nevertheless, to my mind, the ideal printed catalogue is a classified one, with a copious alphabetical index. Suppose that the British Museum had such a printed catalogue to-day, how much would the usefulness of that great Institution be enhanced!

It is only too obvious that the librarian who adopts this, or indeed any plan for the classification of books, must sometimes be at a loss to decide exactly under what subdivision to place a particular book, the problem, in difficult cases, being quite the highest proposed to a bibliographer. The rule is to place each book under its most specific class, but nevertheless two successive librarians—or indeed the same one at different times—might, without impropriety, classify the same book under different heads. To secure uniformity, therefore, and to make the work of cataloguing and classifying books arranged on this plan more easy, the accompanying Synopsis and Classification are followed by an alphabetical Index. In its preparation, I have made use of the subject Index of my ingenious friend Mr. Melvil Dui, in his excellent *Classification of a Library* (Amherst, 1876). By his kind permission, it is



centimeters 10

inches 4

Golden Thread

D50 Illuminant, 2 degree observer

Densities: 0.04, 0.09, 0.15, 0.22, 0.36, 0.51

	1	2	3	4	5	6	7	8	9	10	11 (A)	12	13	14	15
L*	39.12	65.43	49.87	44.26	55.56	70.82	63.51	39.92	52.24	97.06	92.02	87.34	82.14	72.05	62.15
a*	13.24	18.11	-4.34	-13.80	9.82	-33.43	34.26	11.81	48.55	-0.40	-0.60	-0.75	-1.06	-1.19	-1.07
b*	15.07	18.72	-22.29	22.85	-24.49	-0.35	59.60	-46.07	18.51	1.13	0.23	0.21	0.43	0.28	0.19

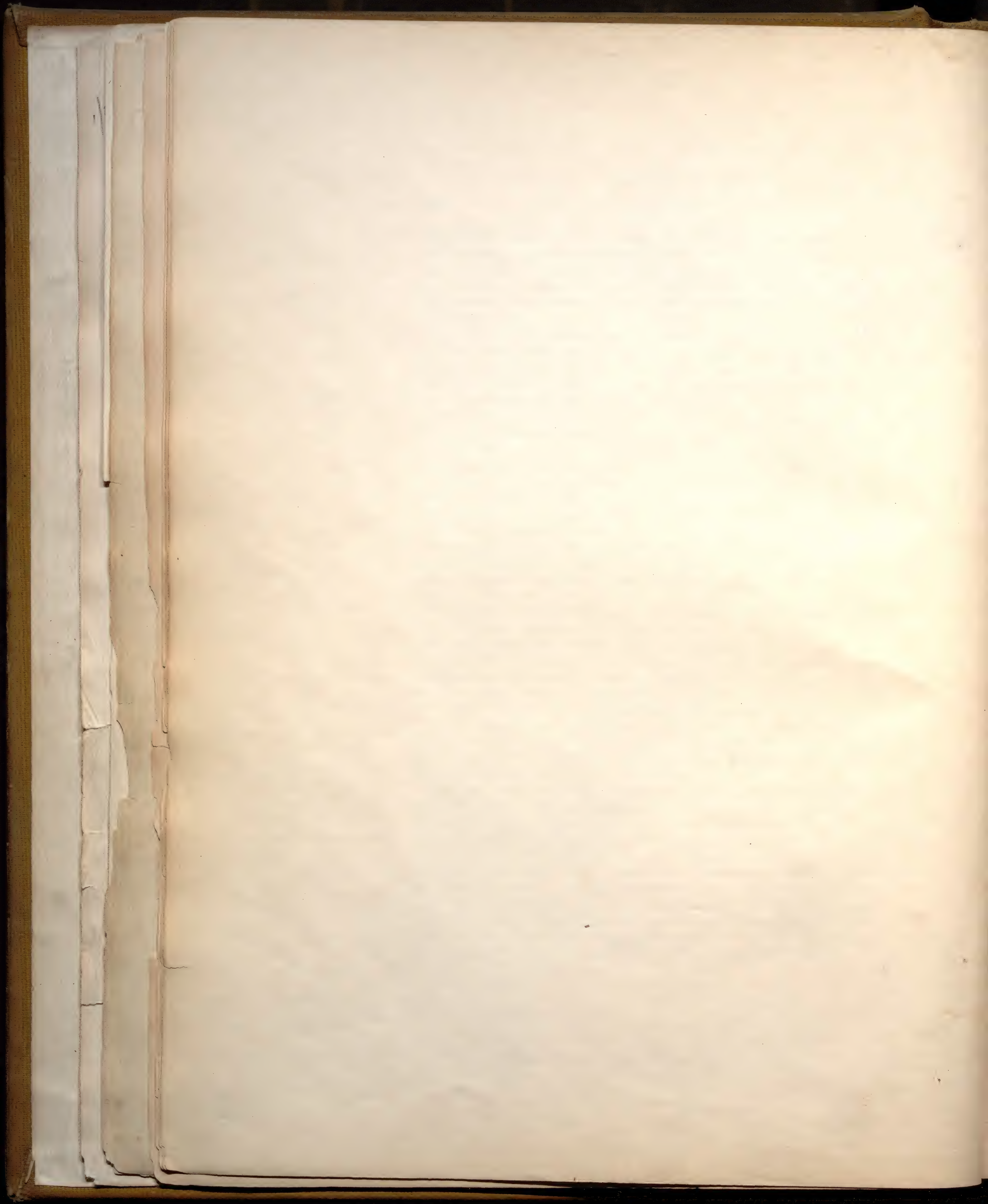
Densities: 0.75, 0.98, 1.24, 1.67, 2.04, 2.42

	16 (M)	17	18 (B)	19	20	21	22	23	24	25	26	27	28	29	30
L*	49.25	38.62	29.37	16.19	8.29	3.44	31.41	72.46	72.95	29.37	54.91	43.96	82.74	52.79	50.87
a*	-0.16	-0.18	-0.54	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05
b*	0.01	-0.04	0.60	0.73	0.19	0.49	-19.43	55.93	68.80	-49.49	30.71	30.01	81.29	-12.72	-29.46

Colors by Munsell Color Services Lab

Don Williams



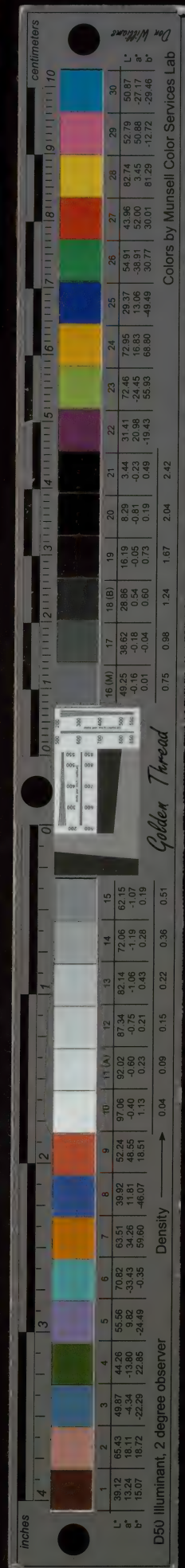




here reproduced, with the addition of about nine hundred new catchwords which were found desirable in practice; for some of the latter I am indebted to Mr. F. B. Perkins' *Rational Classification of Literature* (San Francisco, 1881), which reached me as these sheets were passing through the press. *The alphabetical class-signs in my system are placed alongside of the numerical class-signs in Mr. Dui's system.* The reason for adopting an alphabetical instead of a numerical designation of the several classes and sub-classes was simply to prevent confusion in calling for a book by its number, it being thought that the number of the class might be mistaken for the number of the book. This, of course, is a matter of detail which may be changed without affecting the system.

Whether the classification itself is more or less logical than that of others who have attempted this hard and thankless, but needful task, it is not for me to say. It has at least the merit of not being made out of nothing, but rather of having been evolved from a pre-existing system which has the approval of the best bibliographers of Europe, and which has been tried for centuries, and not found wanting. *Nolumus leges Angliæ mutare.* I believe the groundwork of the system to be good, but I know very well that the building I have raised upon it can be improved; and therefore any one who thinks of making use of either would do well to study—among others—the *Table Méthodique* of Brunet, and the classification—which, however, is rather crude—of the British Museum. The latter can be consulted in Henry Stevens' *Catalogue of the American books in the Library of the British Museum* (London, 1866). Mr. Dui's and Mr. Perkins' highly original systems are also full of valuable suggestions, though the former is, to my thinking, not sufficiently worked out in detail, while the latter, with its six thousand classes—ten times as many as are used in the British Museum—is, if anything, too much so. The reference alphabet—first used by Mr. Dui—gives their systems of classification, in point of practical utility, a decided advantage over others; and Mr. Dui's decimal division brings in an element of simplicity which has, in theory at least, some obvious advantages. It is also steadily making its way into practice, and I understand there are more American libraries now using that plan than any other. Mr. Perkins "believes that his system accomplishes some good things which Mr. Dui's does not, and cures some defects in it:" and I agree with him. If I did not think that mine was on the whole better than either, I should not publish it. Nevertheless, I am free to say that in working out the details I consider Mr. Perkins' arrangement in some respects better than my own, and if I had seen it in time I could have improved mine in several ways. Mr. Swartz's Mnemonic System, and that of Mr. Cutter—described in Vol. IV. of the *Library Journal*—are also worthy of the highest consideration. Doubtless the true Classification of Books, at once rational and convenient in practice, is a thing yet to be established, but at any rate the materials for it exist; and if the present System with its Index—on which I have been working more or less for the past four years—contributes in any degree to make the labors of those who follow me more easy, it is all that I expect.

I have only to add my thanks to our excellent Secretary for his kindness in undertaking the publication of the work, and to say that its profits, if any, are to go to the American Library Association.



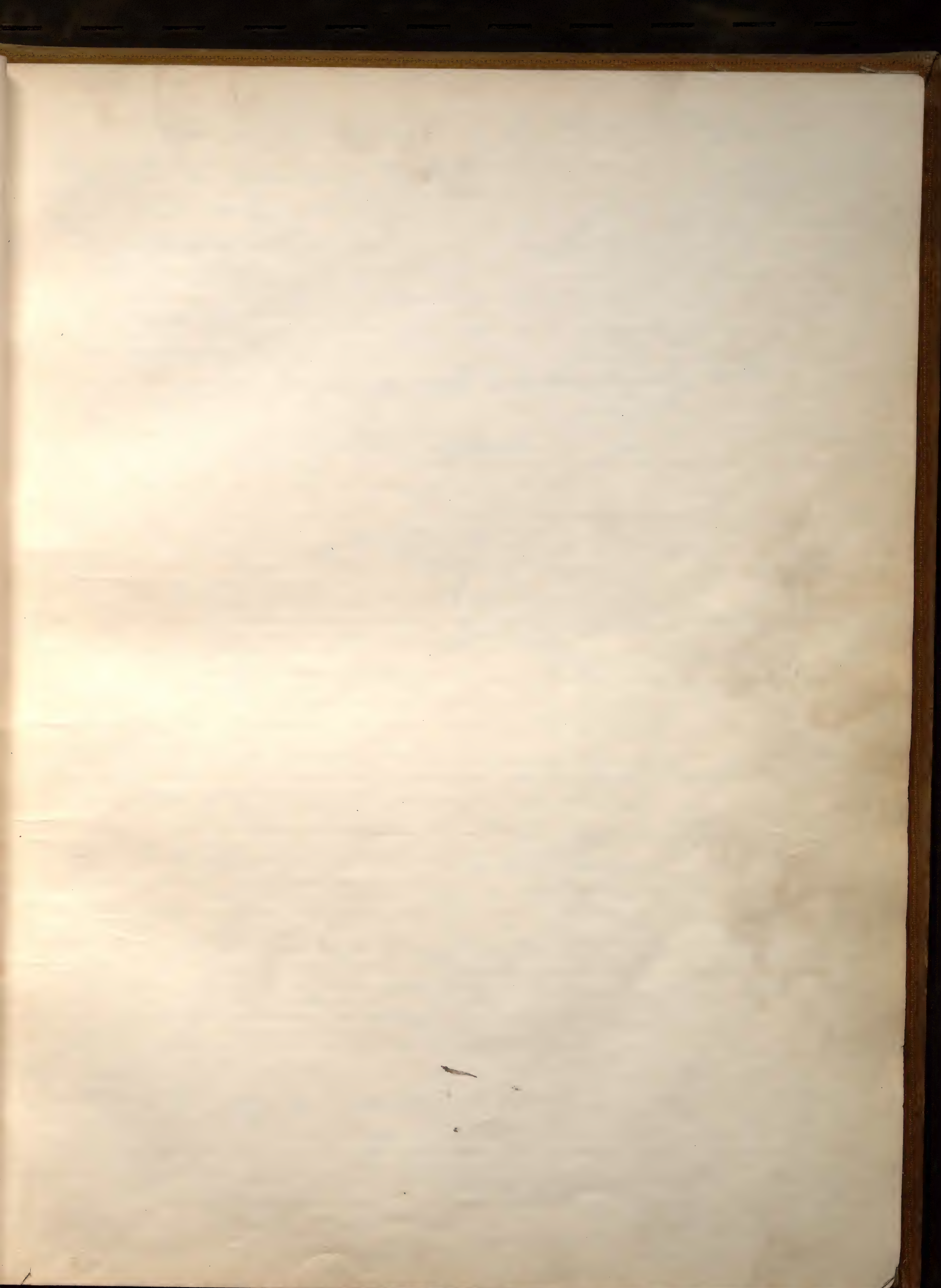


## SYNOPSIS.

---

- Class A. RELIGION.  
E. JURISPRUDENCE.  
I. SCIENCES AND ARTS.  
O. BELLES LETTRES.  
U. HISTORY.  
Y. BIBLIOGRAPHY AND THE HISTORY OF  
LITERATURE.
- Subclasses. a, b, c, d, e, etc.  
Divisions. 1, 2, 3, 4, etc.  
Subdivisions. +, △, □, IV, V, VI, etc.





centimeters 10 9 8 7 6 5 4 3 2 1 0

inches 4 3 2 1 0

Golden Thread

D50 Illuminant, 2 degree observer

	1	2	3	4	5	6	7	8	9	10	11 (A)	12	13	14	15	
L*	39.12	65.43	49.87	44.26	55.56	70.82	63.51	39.92	52.24	97.06	92.02	87.34	82.14	72.05	62.15	
a*	13.24	18.11	-4.34	-13.80	9.82	-33.43	34.26	11.81	48.55	-0.40	-0.60	-0.75	-1.06	-1.19	-1.07	
b*	15.07	18.72	-22.29	22.85	-24.49	-0.35	59.60	-46.07	18.51	1.13	0.23	0.21	0.43	0.28	0.19	
Density											0.04	0.09	0.15	0.22	0.36	0.51

Colors by Munsell Color Services Lab

	16 (M)	17	18 (B)	19	20	21	22	23	24	25	26	27	28	29	30
L*	49.25	38.62	29.87	16.19	8.29	3.44	31.41	72.46	72.95	29.37	54.91	43.96	82.74	52.79	50.87
a*	-0.16	-0.18	0.54	0.05	-0.05	-0.01	-0.18	-0.18	-0.16	-0.16	-0.16	-0.16	-0.16	-0.16	-0.16
b*	0.01	-0.04	0.60	0.73	0.19	0.49	-0.19	55.93	68.80	-49.49	30.71	30.01	81.29	-12.72	-29.46

Don Williams



Ac 2 / 29680 0



Note: The arrangement in the Lord Catalogue is

- 1 Bibles according to date
- 2 Old Test. " " "
- 3 Parts of O. T. " " "
- 4 N. Test " " "
- 5 Parts of N. T. " " "
- 6 Apocrypha " " "
- 7 Extracts, remarks alphabetically by title

## CLASSIFICATION.

### CLASS A. RELIGION.

(Cyclopædias of Religion are classed A only.)

- a Treatises on Toleration.
- b Treatises on Natural Religion and on the existence of a God, His attributes, etc.; Theism, Pantheism, Atheism. (See A o 8.) Bridgewater treatises.
- c The Holy Scriptures. Texts, Paraphrases, and Versions.
  1. Bibles.
  2. Selections from both Testaments.
  3. Old Testament. *and parts*
  4. Apocryphal books.
  5. New Testament.
  6. Parts of the New Testament.

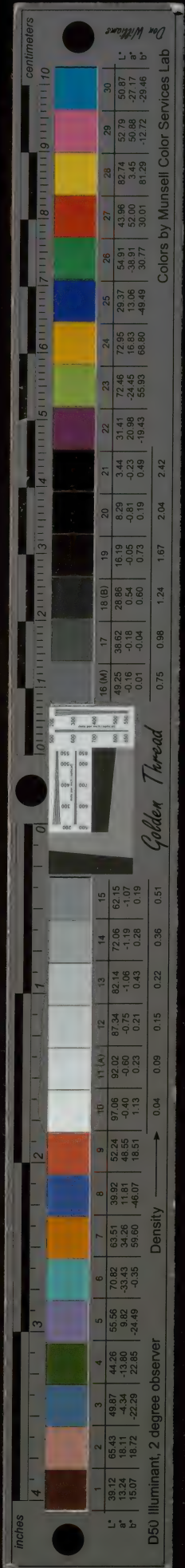
Note: under each division Versions are placed in the alphabetical order of their languages, preceded by Polyglots; and under each language, in chronological order

- d Scripture histories, dictionaries, cyclopædias, concordances, chronologies, and harmonies. The life of Christ.
  1. Treatises on the Canon *and on the authenticity of particular passages and on particular translations*
- e Criticism, interpretation of, and commentaries on, the Scriptures.
- f Treatises on the Truth and Evidences of revealed religion. Hulsean, Bampton, Boyle, and Bohlen lectures.
  1. Faith and reason, Science and revelation.
  2. Miracles. The resurrection of our Lord.
  3. Inspiration.
- g Creeds, catechisms, liturgies, and treatises thereon. The Christian Year. Rites and ceremonies, sacraments, ordinances, *and works thereon*
  1. Missals, breviaries, etc. Pontificale Romanum. *Catechismus Conc. Trident. Parisien romain*
  2. Book of Common Prayer. *Thomas a Kempis*
- h Collections of prayers and meditations. The Lord's Prayer, Answers to prayer, Prayer meetings, etc. *Family devotion*

(11)

*and parts thereof*

*The 39 Articles and works thereon*





- i Metrical versions of the Psalms; Hymns and works thereon.
- k Ancient and modern theologians. The Fathers, and works on them.
- l Doctrinal, practical, controversial, and miscellaneous divinity. Systematic and pastoral theology.
  - 1. The controversy between the Roman Catholic Church and Protestantism, etc. (See A o 11, 12, 13, 15 +.) *Dudley lectures*
  - + Infallibility.
- m Sermons, pastoral letters and charges, etc. Homiletics. Pulpit elocution and oratory.
- n Jewish antiquities, history, customs, literature, philosophy, etc. Books (other than the Bible) printed in Hebrew. The Talmud, rabbinical literature, the Kabbala.
  - 1. The Sabbath and the Lord's Day.
- o Ecclesiastical history; Christian antiquities; the primitive church.

*Note: Under each of the following heads are placed controversial, periodical, and other works illustrating the history of the denomination in question.*

- 1. Oriental Churches.
- 2. Latin (See A o 13, and U u 2).
  - + Jansenists, Quietists, Mystics, Port Royal. Old Catholics.
  - △ Gallican Church, etc.
  - Spain, etc.
- IV. R. C. Church in the U. S. and Canada.
- 3. Anglican and Protestant Episcopal. Christianity in England.
  - + Reformed Episcopal Church.
- 4. Scottish and Presbyterian. *The Pilgrims*
- 5. Congregational; the Puritans; N. England. *Nelsh Independent Congregational Church in U.S.*
- 6. Baptist. Works on baptism.
- 7. Methodist.
- 8. Unitarian and Universalist. *Works for & against Universal Restoration Hell,*
  - + Arian and Socinian history and controversy. *Works against universalism*
- 9. Mormon. Utah.
- 10. Society of Friends, including lives and works of its founders. Progressive Friends.
- 11. Other denominations. The Reformation, Protestant sects. (See A l 1.)
  - + Reformation in Germany: Luther and the Lutheran Church.
  - △ Reformation in Switzerland, Holland, etc. Calvin and the Reformed Church.
  - Reformation in France. The Huguenots. *Edict of Nantes*
  - IV. " Italy.
  - V. " Spain.
- 12. History of the Inquisition. *le*
- 13. Collected lives of Saints, Popes, Cardinals, etc. Martyrologies. (See U z, and U u 2.) *The Baptist Legend*
- 14. Collected religious biography. Collected lives of missionaries. (See U z.)

*△ Works on the apostolical succession  
Independent*

*VI Christian Churches in U.S.*

*Hagiography or*



centimeters 10

inches 4

Golden Thread

D50 Illuminant, 2 degree observer

Densities: 0.04, 0.09, 0.15, 0.22, 0.36, 0.51

	1	2	3	4	5	6	7	8	9	10	11 (A)	12	13	14	15
L*	39.12	65.43	49.87	44.26	55.56	70.82	63.51	39.92	52.24	97.06	92.02	87.34	82.14	72.05	62.15
a*	13.24	18.11	-4.34	-13.80	9.82	-33.43	34.26	11.81	48.55	-0.40	-0.60	-0.75	-1.06	-1.19	-1.07
b*	15.07	18.72	-22.29	22.85	-24.49	-0.35	59.60	-46.07	18.51	1.13	0.23	0.21	0.43	0.28	0.19

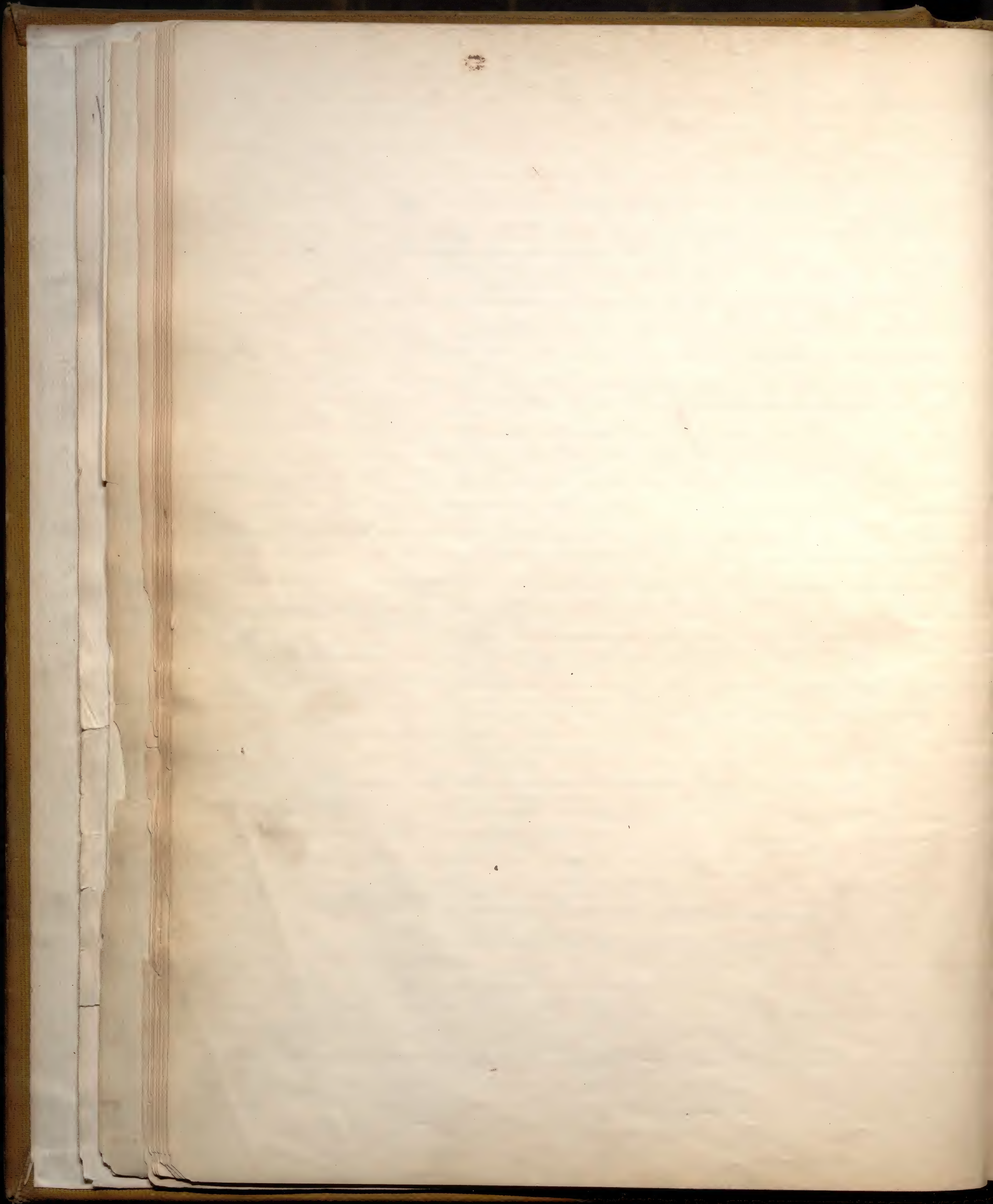
Densities: 0.75, 0.98, 1.24, 1.67, 2.04, 2.42

	16 (M)	17	18 (B)	19	20	21	22	23	24	25	26	27	28	29	30
L*	49.25	38.62	28.86	16.19	8.29	3.44	31.41	72.46	72.95	29.37	54.91	43.96	82.74	52.79	50.87
a*	-0.16	-0.18	-0.54	-0.05	-0.29	-0.74	-0.19	-0.16	0.54	-0.05	-0.19	-0.49	0.35	0.50	0.50
b*	0.01	-0.04	0.60	0.73	0.19	0.49	-0.19	-0.49	0.54	-0.19	0.30	0.71	0.19	-0.12	-0.46

Colors by Munsell Color Services Lab

Don Williams







15. Bible, missionary, <sup>tract</sup> and other Societies. Missions. *History of Sunday Schools*  
 †. Monastic and religious Orders. Flagellants. Lollards.  
 △. Society of Jesus.

*Note: For North American Jesuit Relations, etc., see U y 9 +.*

16. History of dogma and heresy. Councils, their decrees and canons.  
 p Islam.

1. Life of Mahomet.
2. The Koran, etc.

- q Paganism. Mythology.

1. Comparative mythology; views of all religions; science of religion; origin of belief; symbolism; serpent worship; Sabianism. (See I e, Of 7, U i.)

2. Greek and Roman mythology.

†. Oracles; Sibylline books; Eleusinian mysteries, etc.

3. Mythology of Germany and Northern Europe. (*See U 77*)

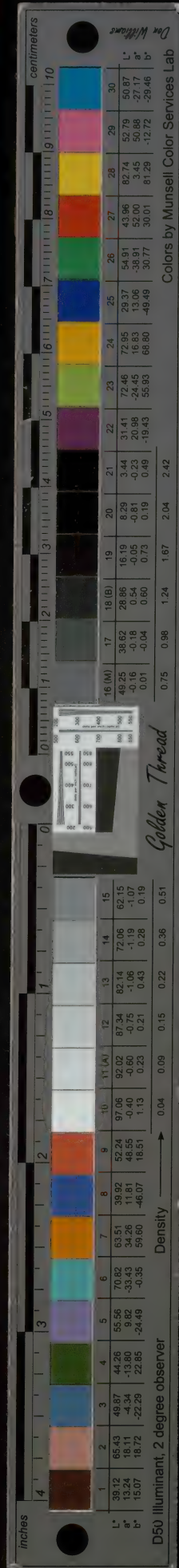
4. Hinduism; Buddhism; Jainism; the Vedas; the Bagvat Gita, etc. Works in Sanskrit and translations thereof.

5. Parseeism. Zend-Avesta. Culte de Mithra.

6. Religions of China and Japan. Chinese classics and literature. (See U x 2, and O a 2 note.)

7. Other religions. (See U f 4.)

- r Theological and religious periodicals. (See A o note.)





## CLASS E. JURISPRUDENCE.

- a General treatises on laws: legal miscellanies, periodicals, and history; professional ethics; the law of evidence; oaths; courts, *and their rules*
- 1. Law dictionaries.
- b Law of nature and of nations. Sea laws. Diplomatic and consular manuals.
- c Treaties.
- d Ancient, civil, feudal, and ecclesiastical law.
- e Common law and Equity. —
  - 1. Law of real property. Conveyancing. *Land titles*
  - 2. Commercial law. *Law of insurance*
  - 3. Law relating to women, marriage, and divorce. (See I g 2.)
- f Constitutional and municipal law and commentaries.
  - 1. The United States.
  - 2. Particular States, alphabetically.
  - 3. Great Britain.
    - + Constitutional history.
    - △ Colonial.
  - 4. Continental Europe. *Codes de France, &c*
  - 5. Asia.
  - 6. Other countries. *Solitary Confinement*
- g Parliamentary law and practice. Rules of order.
- h Criminal and penal law. Police and prison discipline. Houses of refuge and correction. Detectives. Crime *and its causes*
- 1. Capital punishment.
- i Medical jurisprudence.
- k Trials.
  - 1. Criminal and State trials. *Causes celebres.*
  - 2. Reports. Trials in civil cases. *Court of Appeals*
    - + English.
    - △ American, alphabetically by states.
  - 3. Individual and particular cases. *Paper books. Arguments of counsel*
  - 4. Ecclesiastical trials.
- m Patent law; Copyright.
- n Military law; treatises on courts martial. Army regulations. Militia laws. *Naval Law.*
  - 1. Trials by court-martial. *(See U y 3)*

4. Executor, administrators & trustees  
 Guardians & assignees  
 5. Kidnapping











## CLASS I. SCIENCES AND ARTS.

- a Philosophy: general and miscellaneous works. (See I c.)  
 1. History of philosophy. Philosophical dictionaries.
- b Cyclopedias and dictionaries of arts and sciences. Collections of useful knowledge.  
 1. French, German, etc.
- c Metaphysics. Psychology. (See I a.)
- d Physiognomy and Phrenology. Temperaments.
- e Occult philosophy. Prophecies other than Biblical. Swedenborg and his works.  
 The future life considered apart from Revelation. (See A q 1, U i.)  
 1. Alchemy.  
 2. Astrology and palmistry; fortune telling; oneiromancy.  
 3. Demonology; witchcraft; apparitions; hallucinations; stigmata.  
 4. Modern Spiritualism; mesmerism; somnambulism; dreams; sleep. *hypnotism*
- f Logic.
- g Moral philosophy; Ethics.  
 1. Ethical treatises on the Passions, Virtues, Vices, ~~Peace~~, Solitude, Happiness, Suicide, etc.  
 2. Marriage and the condition, duties, and rights of women; sex in nature; the family. (See E l.) *Divorce*  
 3. Etiquette, courtesy, the character of a gentleman. (See U h.)  
 4. Casuistry, Christian morals. Cruelty to children and animals. Vivisection.  
 5. Temperance. Prohibitory and license laws. (See I n 2 +.) *Periodicals. Temperance Societies and Asylums*  
 6. Lotteries and gambling.
- h Education. ~~Periodicals~~ *General & miscellaneous treatises, Periodicals & transactions*  
 1. Elementary works for youth. (See O f 2 +.) *College Societies*  
 2. Universities, Colleges, Military and Naval Academies, Theological, Industrial, and Common Schools. U. S. and State Reports. (See I n 9, U y 7 +, U y 8.)  
 3. Instruction for the blind, deaf, etc. (See I i 7, I n 8.)  
 4. Self-culture. Debating societies and reading clubs. *accidents & their treatment*
- i Government and politics, general treatises; histories.  
 1. Political economy, population, pauperism, wages, labor, strikes, co-operation, communism, socialism. *Protection & free trade*  
 2. Money, the precious metals, mints, finance, banks, investments, usury, interest tables, paper credit, national debts, taxation. (See U p 5 +, U y 7 Δ.)  
*continental, colonial, French, & other paper money (when collected by 2c)*

*bi-metallism*  
 + Bank of U. S.

*and municipal*

+ Peace and war

*Art, Business, Charity, etc.*

Civil Service

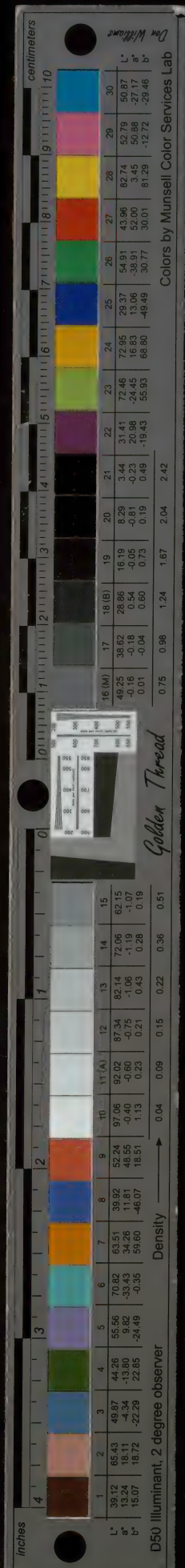
*and laws*

*including Reports of Societies*

*Periodicals. Temperance Societies and Asylums*

*arbitration & conciliation*

*bank notes & counterfeits*



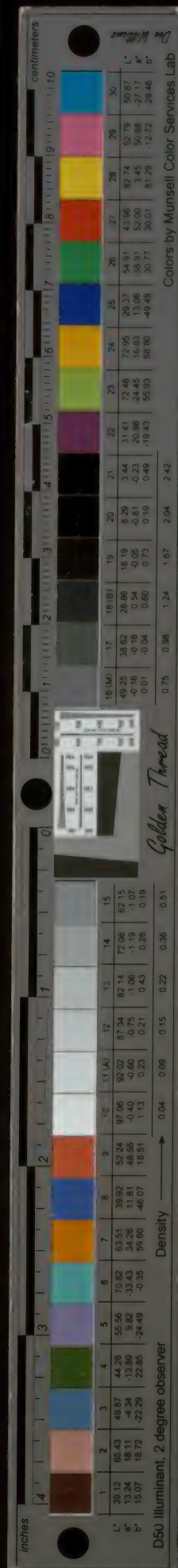


- Commercial geographies.*
3. Trade, colonization, commerce, weights and measures, auctions.  
 +. History of commerce, colonization, and prices. Tariffs (except U. S., U y 7  $\Delta$ ), mails, commercial dictionaries, periodicals, etc.  
 $\Delta$ . Reports of Companies, including Boards of Trade. Trade unions. Guilds.
4. Slavery and the slave trade. (See U y 5.)  
 +. African colonization. Liberia. (See U d 12 vi, U x 10.)
5. Internal improvements, civil engineering, water-works, roads, canals, bridges, tunnels, wheel carriages, etc.  
 +. Histories and reports. Canal companies. (See U x 4 +.)
6. Railroads, tramways, locomotives, including reports of companies, railway guides, and excursions. (See U c 1.) Railway engineering. *Railroad juries*
7. Hospitals (see I n 8), dispensaries, and poor-houses. Lazarettos, quarantine. Public and private charities, *and reports of the same (see I n 8)*
- k Physics. Natural philosophy. Dictionaries and encyclopedias; general and miscellaneous treatises, systems, histories, etc. Popular science. *Tram actions*
1. Electricity, galvanism, magnetism, heat, gravitation, force.  
 2. Electricity, etc., applied to the arts. Telegraphs, telephones, etc.  
 3. Meteorology, pneumatics, winds, storms, the barometer, magnetic observations, climate. *The signal service.*  
 +. Ballooning. *Aviation. Aeronautics.*
4. Chemistry.  
 5. Applied chemistry.  
 6. Spectrum analysis.
- l Natural history: General and miscellaneous works. Cosmology. The creation. Museums. Transactions. *Collectors' manuals.* (See I y.)
1. Natural history of different countries, etc.  
 2. Geology, palæontology, fossils, glaciers, volcanoes, earthquakes, waters, etc.  
 +. Baths, springs, mineral waters. Water analysis.  
 $\Delta$ . Petroleum. *Reports of oil companies*
3. Geological reports, maps, etc., alphabetically arranged.  
 4. Mineralogy, mines, metals, reduction of ores.  
 +. Coal and iron. (See I u 3.) Peat.  
 $\Delta$ . Mining companies, etc.
5. Botany.  
 +. Trees and shrubs. (See I u 11 +, I u 12.)  
 $\Delta$ . Transactions and periodicals.
6. Zoology, Taxidermy, Instinct.  
 +. Birds.
7. Biology, origin of species, Darwinism, evolution, spontaneous generation, life. *Lucretius*
- m Anthropology, the natural history of man, the unity of the human race, etc. (See U f 1.)
1. Descent of man; heredity. *Darwinism*

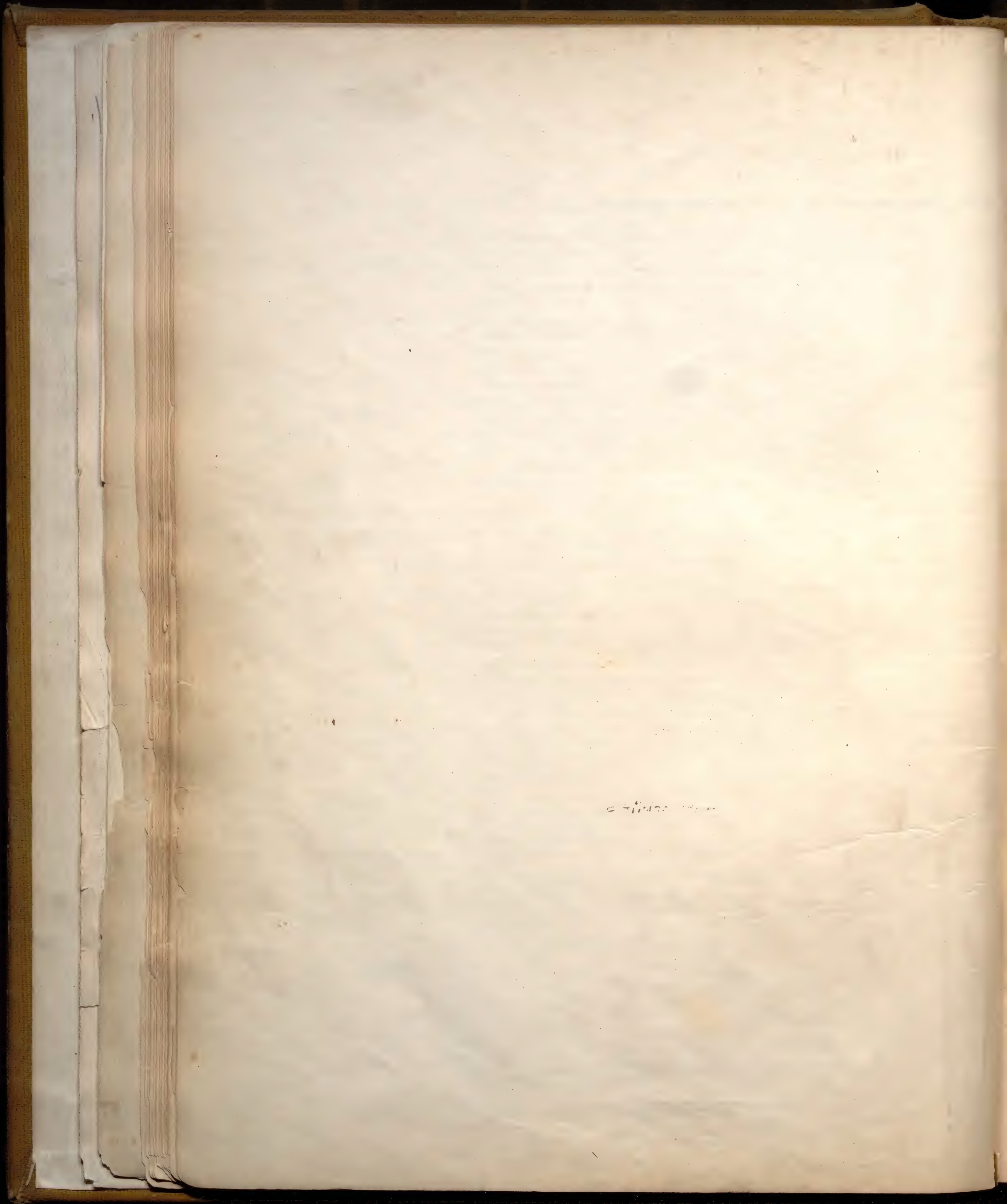
*Emigration**Directors' maps**zoology Natural history dictionary**Insects*



Ii3+. Commercial dictionaries & geographies.

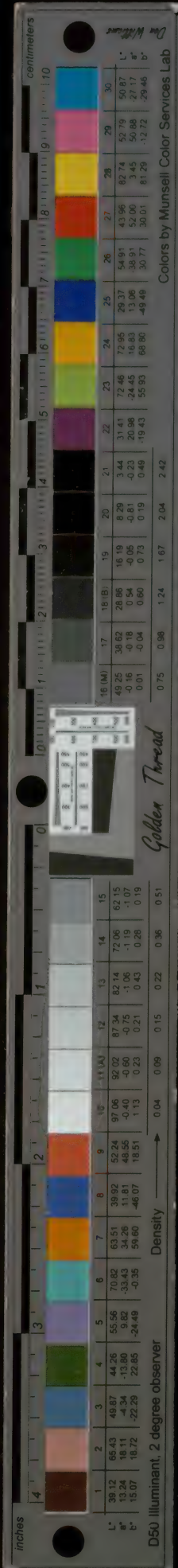








2. Ethnology.  
 +. The negro.  
 △. Crania, etc.
3. Sociology; history of civilization and progress; social science; modern—  
 thought.
- n Medicine: general and miscellaneous works, medical dictionaries, and periodicals. *Transactions*
1. Anatomy and physiology; histology. Comparative anatomy. *Eunuchs*
  2. Materia Medica. Pharmacopœias, dispensaries, medical botany. *Quack medicines*  
 +. Poisons; stimulants and narcotics; tobacco; opium; hasheesh.
  3. Theory and practice of medicine. Nursing.  
 +. Professional ethics.  
 △. Change of air.  
 □. Homœopathy, hydropathy, etc.
  4. Surgery—including military surgery—and obstetrics. Gynæcology. *humane societies*  
 +. Dentistry.
  5. Treatises on particular diseases (alphabetical by subjects).
  6. Diseases incident to various places, professions, etc.
  7. Treatises on health, diet, regimen, longevity, training, bathing, physical beauty; boards of health, public hygiene, etc. *fasting, corpulence*
  8. Mental disorders, including Reports of idiot schools and asylums for the insane. (See I i 7.) The brain and its connection with mind. *Mind & body*
  9. History of medicine and of medical schools, departments, etc. Medical directories. *Reports of medical colleges, valedictory addresses*
- o Mathematics; general and miscellaneous works. Histories.
1. Arithmetic, algebra, calculus, quaternions.
  2. Geometry, trigonometry, conic sections, surveying, mensuration.
  3. Logarithms; mathematical tables and instruments.
  4. Theory and calculations of probabilities; life annuities.
- + Insurance and insurance companies.
- p Astronomy, astronomical tables, and instruments. Theory of the tides. *and observations*
1. Almanacs, ephemerides, etc.
  2. Treatises on the Calendar. (See U e.)
  3. Plurality of worlds.
- q Mechanics, hydrostatics, hydraulics, descriptions of machines, steam engines. (See I i 6.) *Automobiles*
- r Optics, light, vision, the eye. Acoustics. *Optical & philosophical instruments*
1. The microscope and its revelations; stereoscope; kaleidoscope. *Academies*
  2. The phonograph, etc. *Museum & associations*
- s The fine arts; general and miscellaneous works; dictionaries; periodicals. *Esthetics. Art Education*
1. Arts of design; perspective; beauty in art.
  2. Painting, enamelling, harmony of colors, chromatography, etc. (See U z 1 △.)
  3. Engraving, lithography. *Wood engraving. Holbein's call (see U i 3) (see U 31 △)*
- + *matu colas*





4. Sculpture, bronzes, seal engraving, wood, paper, and wax carving; prints of statues, monuments, etc. *Galleries*
5. Photography and photographs; photolithography.
6. Books of prints, catalogues and descriptions of pictures, galleries, etc. (See U z 3.)

+ . Illustrated journals.

△ . Caricatures and comic papers.

□ . Picturesque views, tours, etc. - *Panoramas (See U c 1) almanacs*

7. Music and musical composition. Criticism, dictionaries, periodicals, history, etc. *Catalogues, Miscellaneous*

+ . Art of singing. *The voice (See I r)*

△ . Songs, operas, and oratorios, with music. (See O e 7.)

□ . Sacred music.

IV. General and secular music.

V. Single instrumental compositions.

VI. Particular instruments.

8. Ecclesiastical art, Christian iconography, church needlework and vestments.

9. Anatomy for artists.

10. History of art. (See U z 1 △.)

- t Architecture. General works, histories, periodicals, etc. Ancient architecture.

1. Church and gothic; bells; views of churches.

2. Domestic and rural. *terra cotta*

3. Masonry and bricklaying; tiles; cements.

4. Carpentry and turning. *^*

5. Warming, lighting, ventilating, and draining buildings. Lightning rods, gas, photogenic oils, fires, and fire engines. *Fire proofs.*

6. Furniture, house painting, decorative arts, etc.

+ . Vases, gems, precious stones, finger-rings, plate, bric-a-brac, including sale catalogues

7. Views and descriptions of edifices, ruins, arches, columns, etc. (See U f.)

8. School architecture. *& miscellaneous*

- u Arts and trades, general works, patents, inventions, periodicals, dictionaries, histories. *^*

1. Art of memory.

2. Book-keeping.

3. Iron manufactures and trade. Steel. (See I l 4 +.)

4. Other metals; metallurgy in general.

5. Textile fabrics and materials. Dyeing and bleaching. (See I u 14.)

6. Watch and instrument making; horology; dialling.

7. Carriage and cabinet making and painting.

8. Leather, shoes, etc. Caoutchouc.

9. Pottery, porcelain, terra cotta, ceramic art, bricks, glass, japanning.

*Academies.*

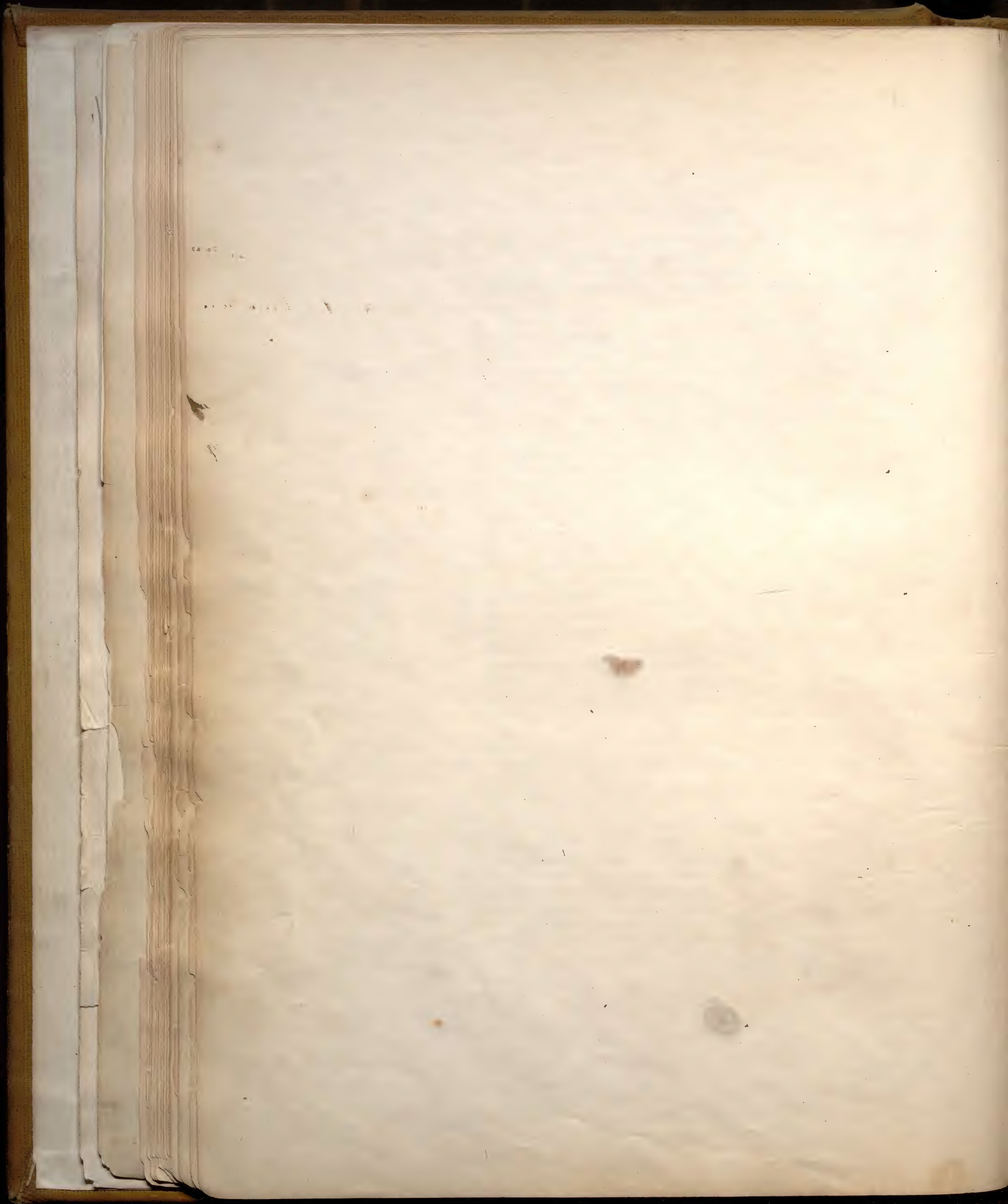
*Miscellaneous*

*Transactions*











Irigation

CLASS I. SCIENCES AND ARTS.

19

10. Other arts and trades, arranged alphabetically. (Except printing see Yg)  
+. Brewing and distilling; gauging; bar tending. *The trade in liquors*
11. Agriculture and gardening. Agricultural chemistry and products. *Periodicals*  
+. Fruits and fruit trees, vineyards, wines, vinegar. *Fruit growers' associations*  
△. Agricultural and horticultural associations. U. S. and State Reports. *Department of Agriculture*  
□. Fish culture. *" " " "*
- IV. Insect enemies.
12. Landscape and ornamental gardening, rural life, forestry, rural cemeteries, etc. (See I 15 +.) *+ Cemeteries*
13. Treatises on horses, cattle, dairy products, sheep, poultry, pigeons, etc. The veterinary art, farriery.
14. Treatises on silkworms and bees. Silk industry. (See I u 5.)
15. Treatises on cookery and carving. Gastronomy. Food. Markets. Sugar boiling.
16. Industrial exhibitions and chefs d'œuvre. South Kensington Museum and Conferences. The Centennial of 1876, etc. *Industrial art*
17. Miscellaneous. Domestic economy. Needlework. (See I s 8.) Toilet arts. *Women's handiwork*
- v Navigation, naval architecture, naval tactics. (See U b 10 and I p.)  
1. Historical works. The merchant service. (See U p 8, U y 14.)  
2. Diving; torpedoes.  
3. Sea fishing. *and tactics*
- w Military art, militia, military engineering. (See E n, I h 2, U y 7 □.) *Ordnance & fire arms*  
1. Military history. (See U p 8 and U y 14.)  
+. Waterloo campaign.
- x Recreative arts. *and bicycles*  
1. Field sports, cricket, angling, the dog, horsemanship and horse racing (See I u 13), coaching, velocipedes, skating, rowing, and swimming. Bull fights, cock fighting, boxing, wrestling, and fencing. Trapping, the rifle, sporting guns and tackle, game birds and animals, etc.  
+. Sporting tours, anecdotes, magazines, etc. *Sportsman's clubs*  
2. Parlor pastimes, legerdemain, enigmas, conundrums, charades, and dramas; dancing. Cards, draughts, dominoes, backgammon, billiards, etc.  
+. Chess.
- y Memoirs, histories, and transactions of scientific institutions; academies. (See I 1.)  
1. American.  
2. English, Scotch, and Irish. The British Museum.  
3. French.  
4. German.  
5. Other.
- Note: Institutions devoted to a particular branch of science will be classed accordingly.*
- z General scientific periodicals, year book of facts in science and art, etc.

and seed stores.  
Aurines

The hair

Steamships and Steamboats  
Yachts & yacht clubs

Ordnance & fire arms

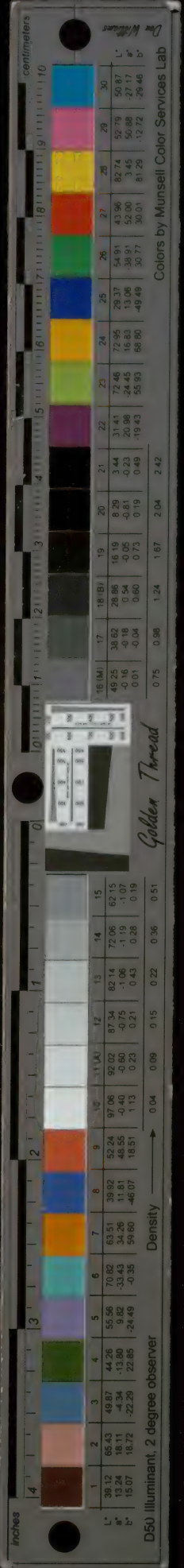
and bicycles

game laws &c

and addresses, *Aurines*

mules

Antislavery toys





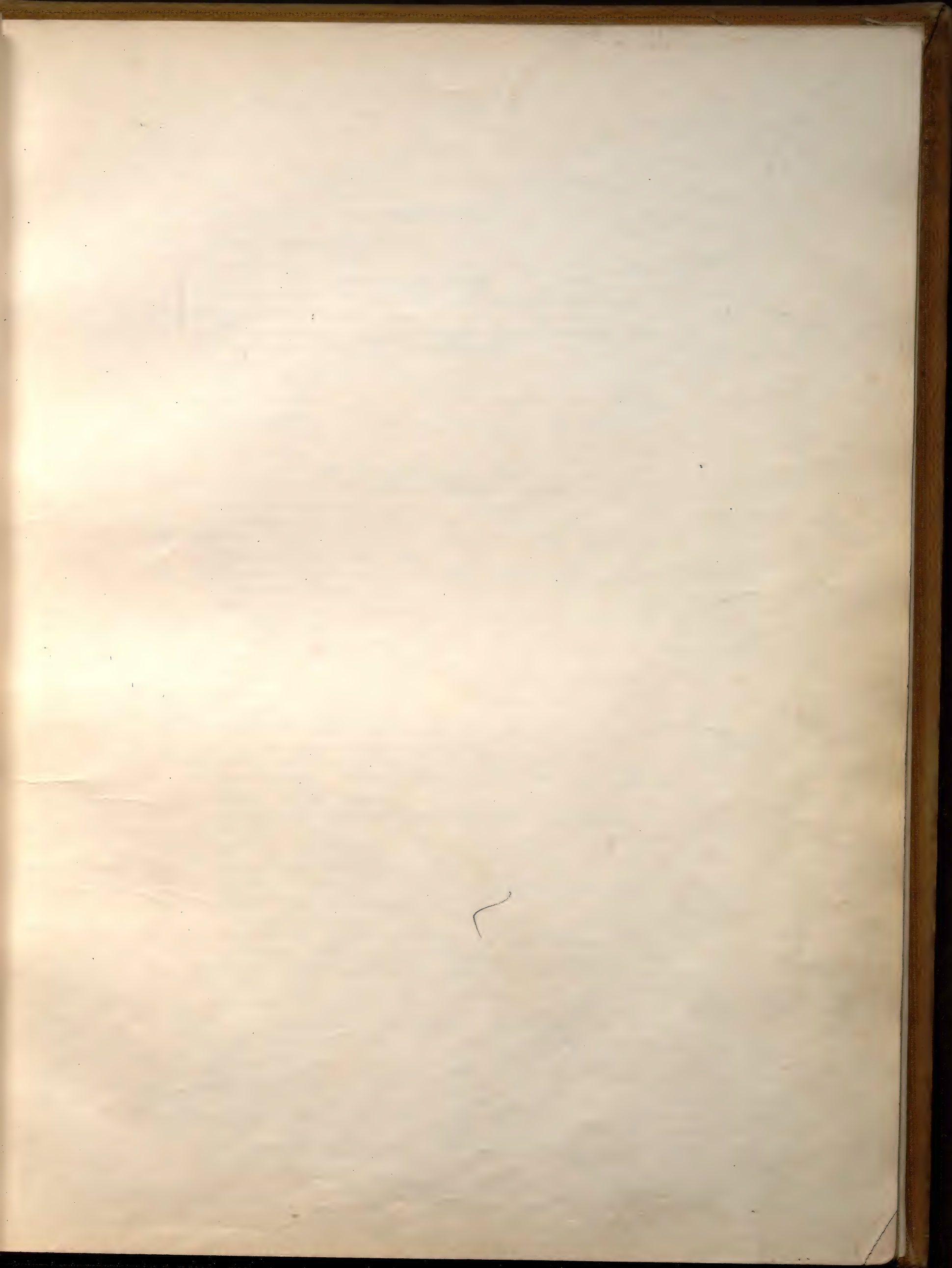
*(and miscellaneous)*

## CLASS O. BELLES LETTRES.

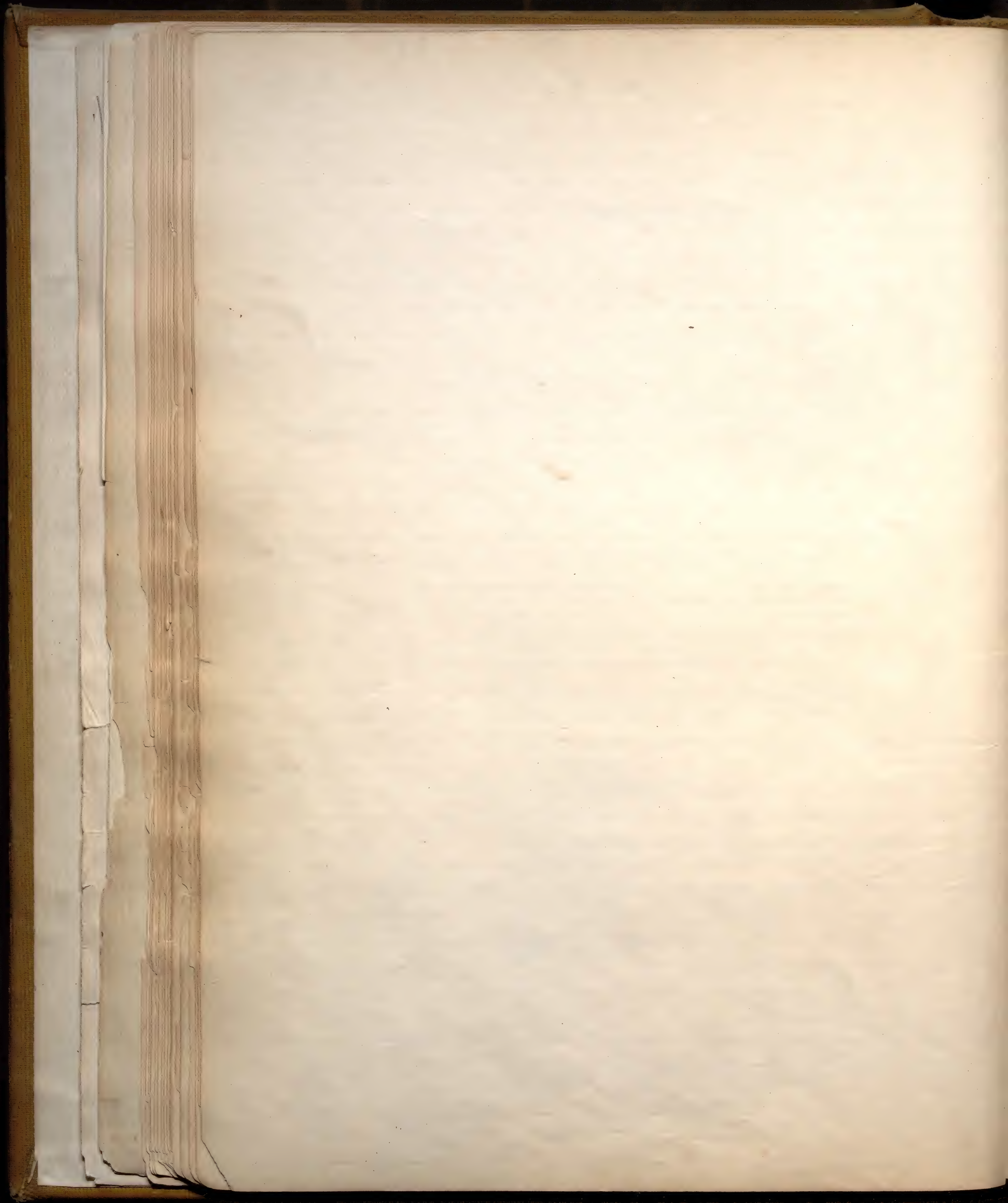
*Amelle*

- + Chinese*
- a Grammar and lexicography; general works. Philology. Alphabets. *Periodicals*
1. Greek and Latin languages, *including the Romance tongues collectively considered*
  2. Oriental, European, and other languages, arranged alphabetically.
- + Note: Books printed in Arabic, Pali, and other oriental and outlandish characters, except Hebrew (A c 3 and A n) and Sanscrit (A q 4) and Bibles (A c) and Hieroglyphics (U f 4) will be classified under O a 2.*
- b Rhetoric, criticism, oratory, gesture, elocution, art of conversation and of reading aloud.
1. Exercises in elocution. Speakers and readers.
  2. Art of composition and of making translations and abridgments. Punctuation.
- c Orations and orators; speeches, addresses, discourses.
1. Collected funeral orations. (See U z.)
- d Poetry; treatises, history, etc.
1. Greek and Latin poetry and translations. Also treatises thereon.  
*+ Homer.*
  2. English poetry and epigrams. (See U p 3 + and U p 4 +.)  
*+ Songs and ballads. Chapbooks.*  
*△. Scottish poetry and treatises thereon.*  
*□. History.*  
*IV. Collected British poets and selections in the English language.*  
*V. Collected American poets and selections. Poets & poetry in America*
  3. French poetry.  
*+ Early, Provençal, and patois; Chansons de geste, the troubadours and treatises thereon.*
  4. German and Dutch poetry and poets.
  5. Italian poetry; also treatises and criticisms thereon.
  6. Other languages.
  7. Macaronics.
- Note: In Poetry, Drama, and Fiction, translations into English (except of works written in Latin and Greek) are classed respectively O d 2, O e 2, and O f 2. O i 2 and O m 2*
- Polygraphy & miscellanies*
- e Drama. Treatises on the stage and histories thereof. Passion plays. *associations and dramatic miscellanies*
1. Dramatic works; Greek and Latin and translations.
  2. " " English. *poems*  
*+ Shakespeare, including his life, etc.*
  3. Dramatic works: French.



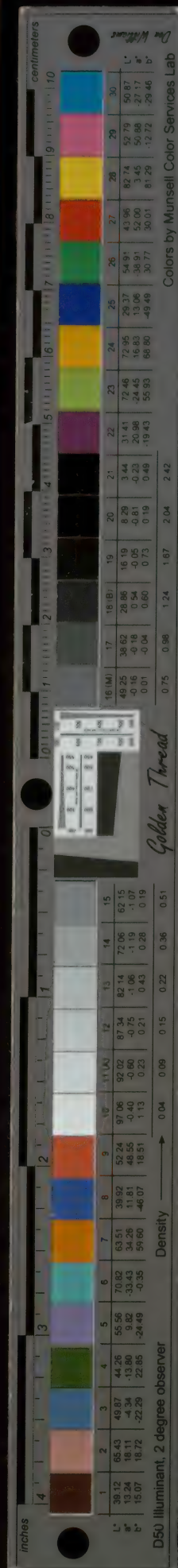








4. Dramatic works: German.
  5. " " Italian.
  6. " " Other languages. *ballets*
  7. Musical dramas. Librettos of operas and oratorios. *and descriptions of ballets* (See I s 7  $\Delta$ .)
- f Fiction: treatises, history, etc.
1. Works of fiction, wit and humor, imaginary voyages and adventures, fables and legends; Greek and Latin and translations.
  2. English fiction.
  - + . Juveniles.
  3. French fiction.
  4. German fiction.
  5. Italian fiction.
  6. Other fiction.
  7. Folk lore, fairy tales, nursery rhymes, etc. (See A q 1.)
- g Anecdotes, proverbs, maxims, dialogues, emblems, mottoes, anagrams.
1. Ana: table talk.
  2. Proverbs.
- h Epistolary writers.
1. History and art of letter writing.
- i Polygraphy; or the collected works of authors who have written on various subjects and in various styles.
1. Greek and Latin, and translations.
  - + . Collected editions of the classics.
  2. English.
  3. French.
  4. German.
  5. Italian.
  6. Other.
- k Pamphlets on various subjects bound up together.
- l Pamphlets unbound and awaiting final classification.
- m Literary miscellanies: essays, extracts.
1. Greek and Latin. *under Classical Literature See Y K 1*
  2. English. *Inter Queries*
  - + . Early English Text and similar printing societies and collections.
  3. French.
  4. German.
  5. Italian. & other languages.
  6. Quotations. Concordances other than of the Bible (A d). Index Society general indexes to periodicals.
  - + . Greek, Latin, etc.
- Note: The Index to a particular work, to an author's collected works, and to a particular periodical, will be placed therewith.*
- n Literary journals, magazines, reviews, and transactions.
1. American.
  - + . Annuals.





2. British.
3. French.
4. German.
5. Other languages.

*Note: Periodicals and transactions relating to a particular subject will be classed accordingly, the publications of purely literary associations being lettered O n.*

- o Registers and historical journals, statesman's year-book, etc.
- p Gazettes, newspapers, prices current, arranged by localities.
  1. History of newspapers. Newspaper directories.
  2. Newspaper cuttings, scraps, ~~and~~ extracts, *and odd n<sup>o</sup>s*





Color calibration chart and ruler.

**Inches**

**Centimeters**

**Golden Thread**

**D50 Illuminant, 2 degree observer**

	1	2	3	4	5	6	7	8	9	10	11 (A)	12	13	14	15	
L*	38.12	65.43	49.87	44.26	55.56	70.82	63.51	39.92	52.24	97.06	92.02	87.34	82.14	72.06	62.15	
a*	13.24	18.11	-4.34	-13.80	9.82	-33.43	34.26	11.81	48.55	-0.40	-0.60	-0.75	-1.06	-1.19	-1.07	
b*	15.07	18.72	-22.29	22.85	-24.49	-0.35	59.60	46.07	18.51	1.13	0.23	0.21	0.43	0.28	0.19	
Density											0.04	0.09	0.15	0.22	0.36	0.51

Colors by Munsell Color Services Lab

	16 (M)	17	18 (B)	19	20	21	22	23	24	25	26	27	28	29	30
L*	49.25	38.62	28.86	16.19	8.29	3.44	31.41	72.46	72.95	29.37	54.91	43.96	82.74	52.79	50.87
a*	-0.16	-0.18	0.54	-0.05	-0.81	-0.23	20.98	-24.45	16.83	13.06	38.91	52.00	3.45	50.88	27.17
b*	0.01	-0.04	0.60	0.73	0.19	0.49	-19.43	55.93	68.80	-49.49	30.77	30.01	81.29	12.72	29.46







## CLASS U. HISTORY.

*Note: In cases where the division under History is more minute than under Voyages and Travels (e. g. U d 8  $\Delta$ , U v 10 and U x 2), Travels are reckoned as History, and vice versa.*

- a Treatises on history. Historic atlases. The philosophy of history.  
b Geography, gazetteers, etc.

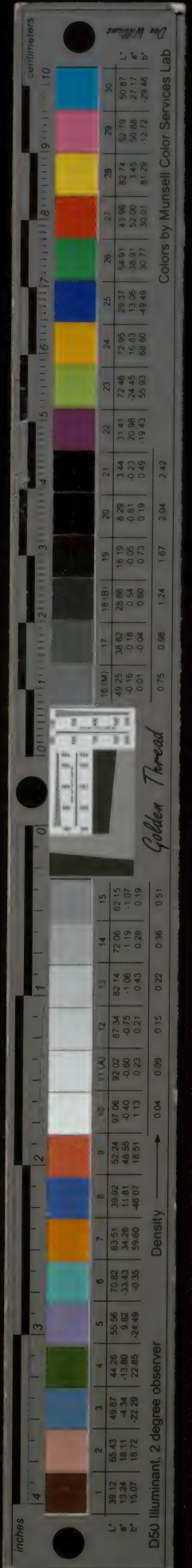
*Note: For geographies of the several United States and Territories see U y 8.*

1. Atlases, maps, and charts of the world; miscellaneous maps. Cartography.  
+. Ancient.
2. Atlases, maps, charts, and plans of Europe, arranged alphabetically by countries. *(Except London U c 3+; and Paris U d 8  $\Delta$ ; Rome U f 6  $\square$ ; and Washington U y 7 VIII)*
3. Atlases, etc., of Asia. *(Washington U y 7 VIII)*
4. " " Africa.
5. " " America.
6. " " the United States. *(Except Washington U y 7 VIII)*  
+. Maps relating to the Rebellion. *Territories, National Parks, etc.*
7. U. S. Coast Survey Charts and Reports.
8. Atlases, etc., of particular States, in alphabetical order, and subdivided by counties, cities, etc. (See U y 8.)
9. Atlases, etc., of Australia, Oceanica, etc.
10. Hydrography; nautical charts; wind and current charts; sailing directions; light houses; the ocean world and its products; coral reefs; lake surveys; rivers. *(See I v.)*
11. Physical atlases and geographies.

## c Topography and statistics.

1. Handbooks of Travel, and Guide books. (See U d 8  $\Delta$ , I i 6, I s 6  $\square$ .)
2. British topography, statistics, censuses, etc.  
+. Ireland.  
 $\Delta$ . Scotland.  
 $\square$ . Wales.
3. British local histories, alphabetical, including Isle of Man.  
+. London and the river Thames. (See I t 7.)

*buoys & beacons*





*Niagara, Montreal Quebec*

4. British county histories and guide books, arranged alphabetically. Isle of Wight.

+ The Channel Islands.

5. American topography.

*+ Water, places, mountain resorts, Guide books*  
*Note: For the county and local histories, etc., of the several States and Canada, see U y 8, and U y 9 +.*

6. American statistics, censuses, etc. (See U y 7 vii.)

7. Directories, arranged alphabetically by localities.

d Voyages and travels. Treatises on travelling.

1. Histories and collections of voyages. Hakluyt Society.

2. Voyages and travels in various parts of the world. Overland route.

3. Round the world; South Seas; Polynesia; N. W. Passage; N. W. Coast of America.

+ Arctic and Antarctic expeditions and treatises thereon. *Lymmes' Hole.*

4. Australia, New Zealand, Van Dieman's Land, New Guinea.

5. Shipwrecks and disasters at sea. Life boats.

6. Travels in various parts of Europe; the Mediterranean; Dalmatia and Montenegro; the Rhine, etc. *Polynesia II*

7. Travels in the North of Europe; Russia, Germany, Hungary, Holland, and Belgium. *Finland.*

— 8. Travels in Italy, France, Spain, Portugal, Switzerland, etc.

+ Madeira, the Azores, and the Canaries.

△. Paris, including Guide books and histories *and maps 10, 11, 12*

9. Travels in Great Britain and Ireland.

10. Travels in Turkey, Greece, the Levant, the Crimea, Syria, Palestine, and Arabia.

+ The Holy Land, Moab, the Dead Sea, etc., including their history and geography.

△. Jerusalem.

11. Travels in Persia, China, Hindustan, the East Indies, etc.

+ Siberia and Kamtchatka. (See U q 2.)

△. Central Asia, Tibet, Tartary, Kashmir, etc. (See U x 3.)

□. Caucasus, Georgia, Armenia, the Caspian.

12. Travels in Africa.

+ Egypt, the Nile, Abyssinia, Ethiopia, Nubia. (See U x 4.)

△. South Africa. (See U x 11.)

□. Central Africa.

IV. St. Helena.

V. North Africa. (See U x 9, U x 12.)

VI. West Coast. (See I i 4 +, U x 10.)

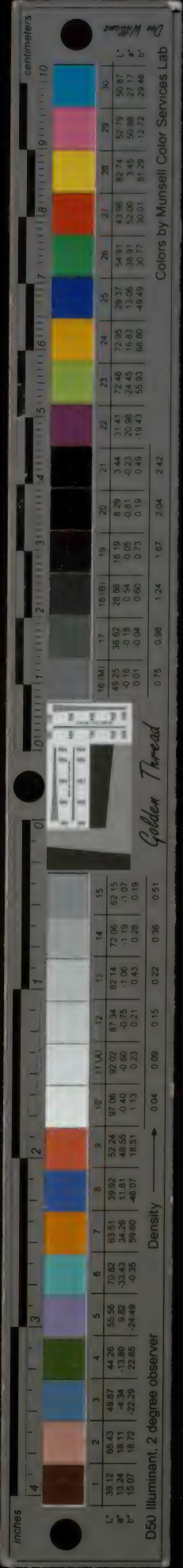
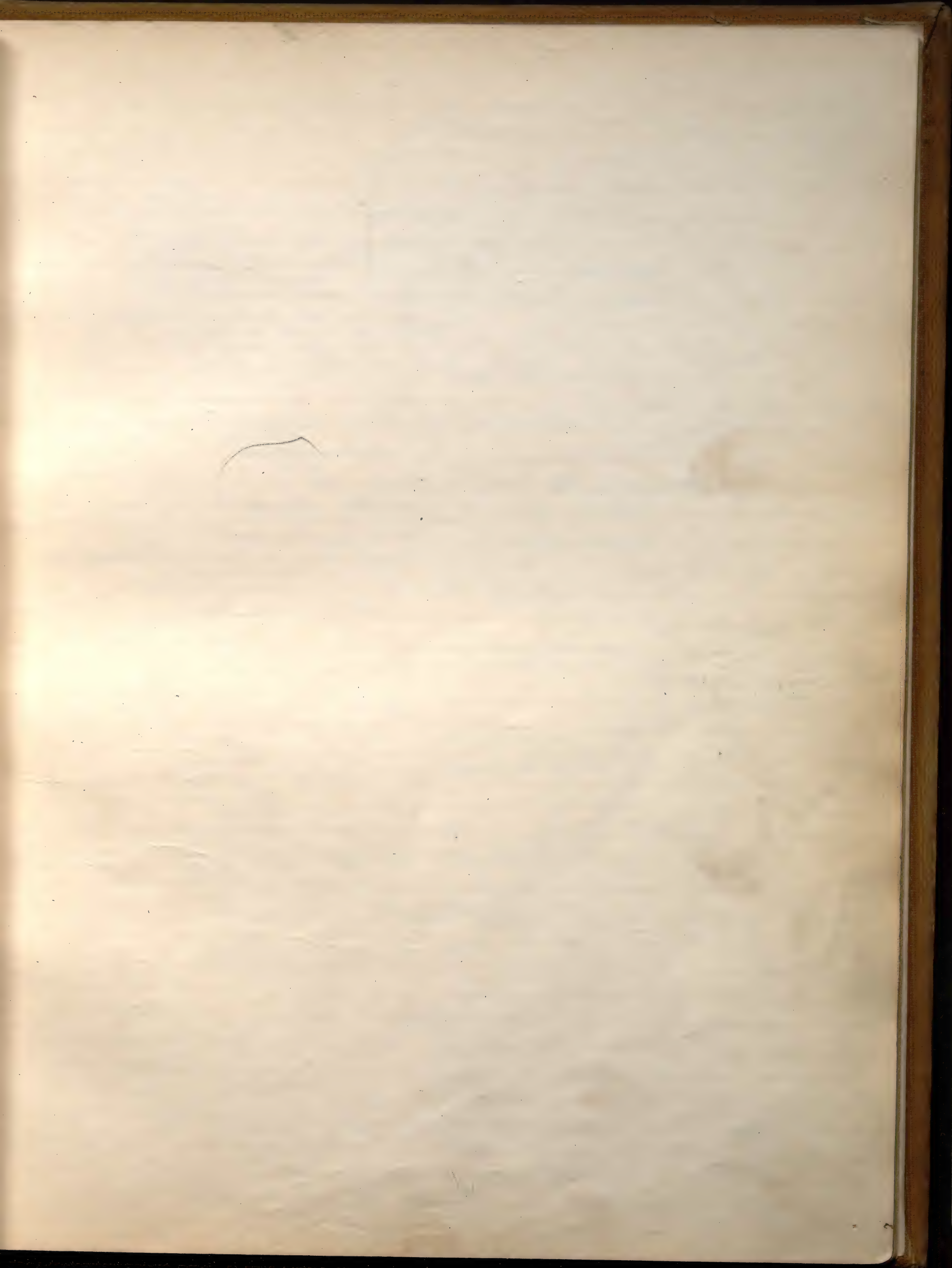
VII. East Africa. (See U x 3 □.)

13. Travels in America and voyages thereto.

+ South America.

△. Central America and Colombia. The West Indies.





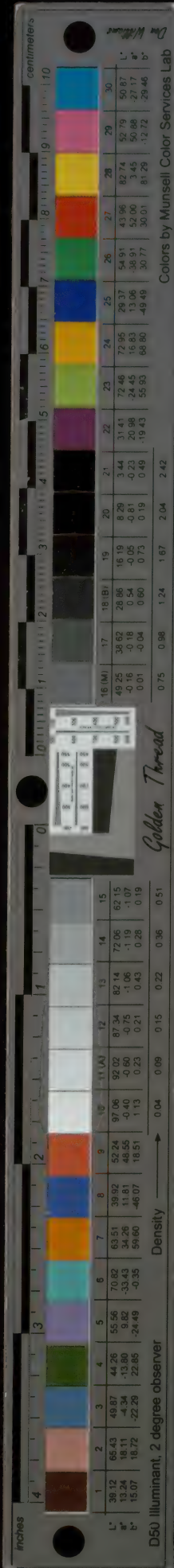






- e General history. Chronology. (See I p 2.) Ancient history.  
 1. Historical dictionaries: dates.
- f Antiquities: archaeology. (See I t 7.) *Transactions. Catalogues.*  
 1. Prehistoric; fossil man; antiquity of man; the stone age; lake dwellings.  
 Atlantis. (See I m.)  
 2. Chaldea, Babylonia, Assyria, Nineveh.  
 3. Hindustan, Afghanistan, etc.  
 4. Egypt and Abyssinia. The Pyramids. Hieroglyphics. Mythology. *Obelisks*  
 (See U x 4.)  
 5. Etruria. *Troy*  
 6. Greece and Rome: Asia Minor, Ephesus, Palmyra, Baalbec. (See U m, and U u 2.) *Cyprus, Crete*  
 +. Herculaneum and Pompeii.  
 △. The catacombs.  
 □. The city of Rome; its antiquities and topography. *Also modern Rome*  
 7. Northern Europe. Druidical remains. British barrows. (See A q 3)  
 8. America. (See U y 1.) *Maya language & literature*  
 9. Customs and costumes, dress, fashions, popular antiquities, ceremonies, pageants, processions, funeral rites, sepulchres.
- g Numismatics; medals; ancient coins. *Sale Catalogues*
- h Chivalry, heraldry, peerage, genealogy, flags, etc. (See I g 3, and U o 1.)  
 1. Heraldry and heraldic mottoes.  
 +. Continental Europe.  
 2. Royal and noble Houses, Clans, Peerages, Family histories, arranged alphabetically, and followed by works on Names of persons and places.  
 +. American.  
 3. Orders of Knighthood.  
 +. St. John and History of Malta.  
 △. Cincinnati. *See*  
 4. Duelling. □ Sons of Amer. rev. & other patriotic Soc.
- i Secret Societies, Masonry, Antimasonry, the Rosicrucians, etc. (See A q 1, I e.)
- k Gipsies. *1st J.O.O.F.*
- l History of Greece.  
 1. Modern Greece.
- m History of Rome.  
 1. Julius Cæsar, the Emperors and Empresses. (See U s 2.)  
 2. Byzantine empire. (See U x 1.)
- n Historical Extracts and Miscellanies, etc.
- o History of Europe. Modern history. *European politics*  
 1. Middle ages and Renaissance; Feudalism. (See U h.)  
 2. Crusades.  
 3. European Colonies. (See U p 10.)  
 4. The Celts. (See I m 2.)

*Also and Sarcophagi Publications*  
*The Harleian Society's Parish registers of England and Wales of Counties English Counties. (See Ue) &c*





## p British history.

## 1. England.

+. Anglo-Saxons.

△. The Rebellions of 1715 and 1745. The Pretenders and Non-jurors.

## 2. Scotland.

+. Antiquities.

△. Mary Queen of Scots.

## 3. Wales.

+. Welsh Bards.

## 4. Ireland.

+. Irish Bards.

## 5. Government publications; State papers; Parliamentary Blue Books and debates.

+. The Exchequer, National Debt, Customs.

△. Publications of the Record Com<sup>n</sup> ~~and of~~ the Master of the Rolls. *hc*

## 6. British politics, arranged chronologically.

+. Junius.

## 7. Particular reigns; Wives of British sovereigns; Cromwell. (See U z note.)

8. Naval and military history of Great Britain. Particular Regiments. Lives of Admirals. *General* Army and navy lists. United Service Journals, etc. (See I v 1, I w 1.)

## 9. Collected lives of British statesmen, regicides, etc.

## 10. British Colonies and Empire. (See U o 3.)

## q History of Russia and Poland. (See U r 2.)

## 1. Crimean and other wars with Turkey. (See U x 1.)

## 2. Russia in Asia. (See U d 11 +.)

## 3. Particular reigns.

## 4. Poland.

## r History of Denmark, Sweden and Norway; Scandinavia; the Northmen and the Normans. Sagas. (See U d 7, U f 7.)

## 1. Iceland.

## 2. Lapland and Finland. (See U q.)

## s History of Germany.

## 1. Austria, Hungary, Transylvania, Servia, etc. (See U x 1.)

## 2. Holy Roman Empire, Charlemagne, Charles V., etc.

## 3. Prussia and the New German Empire.

## t History of Holland and Belgium.

## u History of Italy and Switzerland.

## 1. Switzerland and the Tyrol. (See U d 8.)

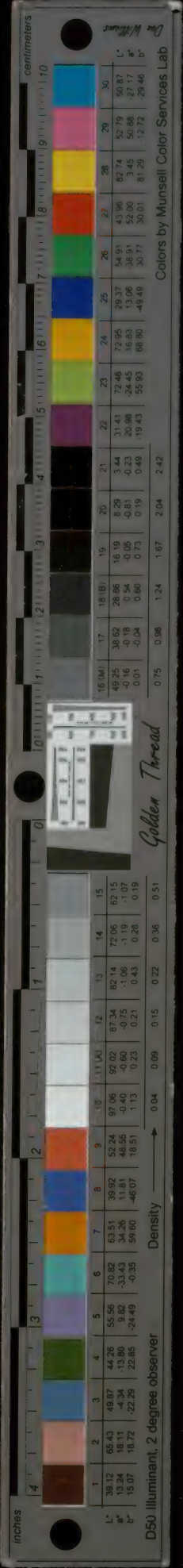
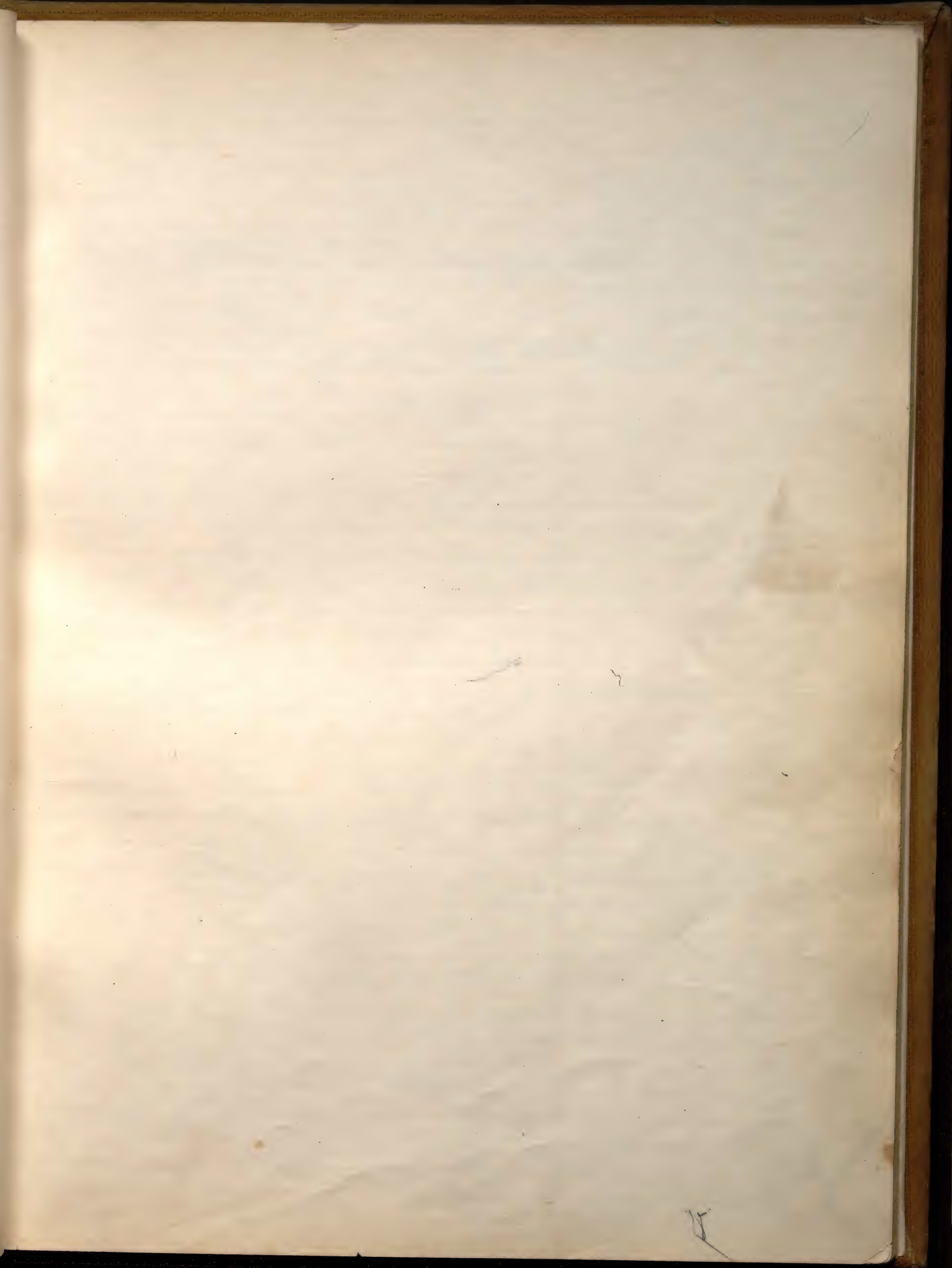
## 2. Papal and modern Rome and the States of the Church. (See A o 2, A o 13, U f 6 □.)

## 3. Venice.

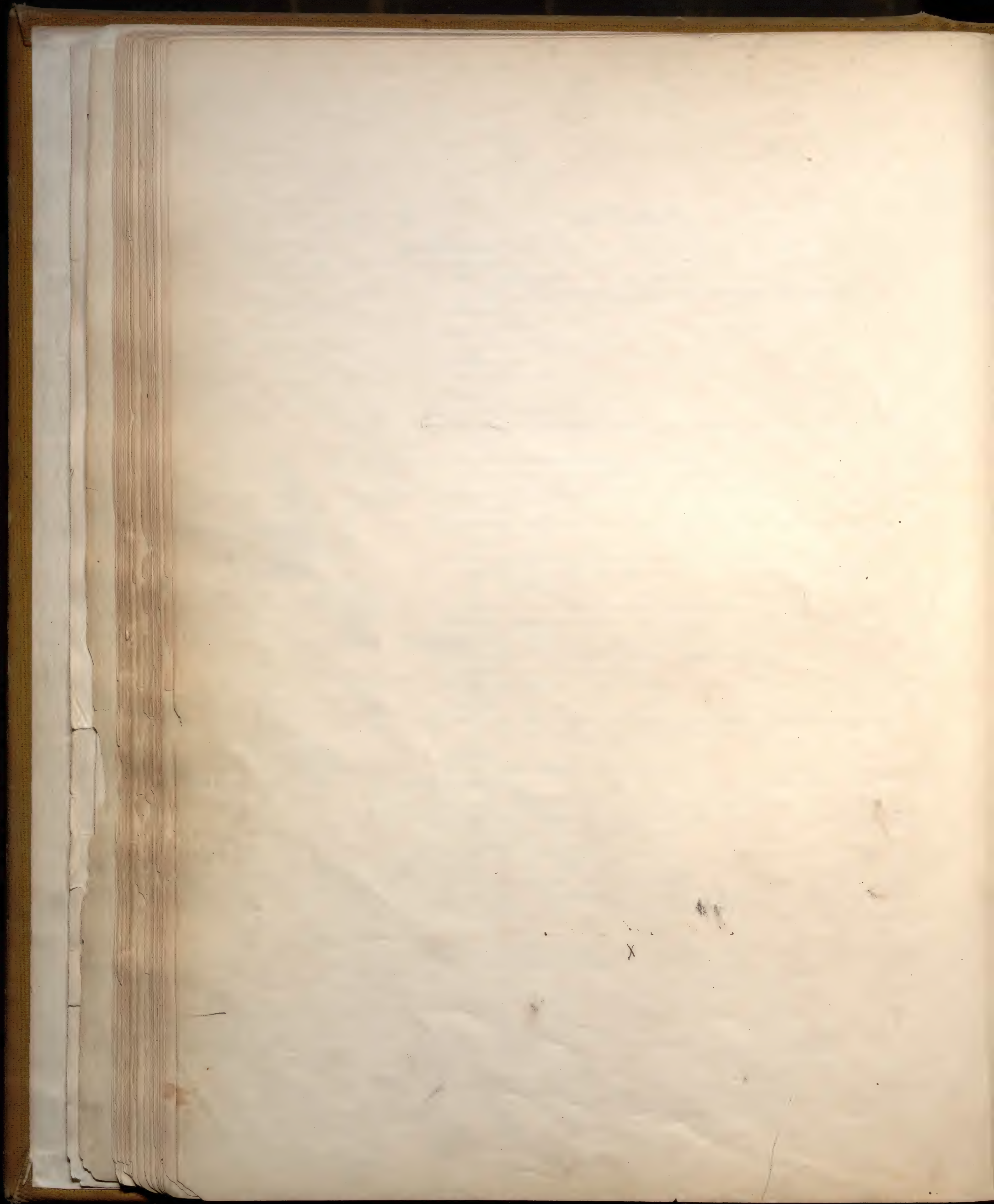
## 4. Naples: the Two Sicilies.

## 5. Italian Republics: Monaco.











v History of France. (See A o 2  $\Delta$ .)1. Particular reigns, arranged chronologically, including *Mémoires pour servir*.

+. Joan of Arc.

2. Revolution of 1789.

+. The Dauphin.

3. Consulate and Empire. All lives, etc., of Napoleon I.: also his works.

4. Restoration, Revolution of 1830, Louis Philippe.

5. Revolution of 1848.

6. Second Empire. Lives and works of Napoleon III.

7. Franco-German war.

8. Republic. The Communists.

9.

10. Corsica.

## w History of Spain and Portugal. (See U x 6 +.)

## x Asiatic and African history. The Mongols. Asiatic Societies, etc.

1. History of the Ottoman Empire and its possessions. The Eastern question. (See U q 1, U s 1.)

2. China and Japan: Coolies. Chinese Emigration. (See A q 6.)

3. Hindustan and the East Indies; Siam, Nepaul, Afghanistan, etc.

+. The Hon. E. India Co. and the British rule in India.

 $\Delta$ . Dutch East Indies. Borneo. Java. $\square$ . Mauritius and Madagascar.

IV. The Sepoy war.

4. Egypt and Abyssinia. (See U d 12 +, and U f 4.)

+. Suez Canal.

5. Australasia, Melanésie, Oceanica, Polynesia, Australia, New Zealand. — Hawaii

6. Arabia, the Saracens and the Moors. (See U x 9.)

+. Arabs in Spain and their antiquities. (See U w.)

7. Phenecia. (See U x 12.)

8. Persia.

9. Algiers and Algérie. Tunis, Tripoli, the Barbary States, Morocco, etc.

(See U x 6.)

10. West coast of Africa: Dahomey. (See I i 4 +, U d 12 vi.)

11. South Africa. The Cape. (See U d 12  $\Delta$ .)

12. Carthage. (See U x 7.)

13. Tartary.

y History of America. *Early Discovery & early voyages. De Soto, etc.*

1. The Aborigines. U. S. Reports on Indian Affairs, etc. (See U f 8.)

2. History of the U. States. Colonial history.

+. Mississippi Valley and the Far West.

 $\Delta$ . Pacific Slope.3. Revolution. *South of July orators & sermons. Court martials*

+. American Loyalists.

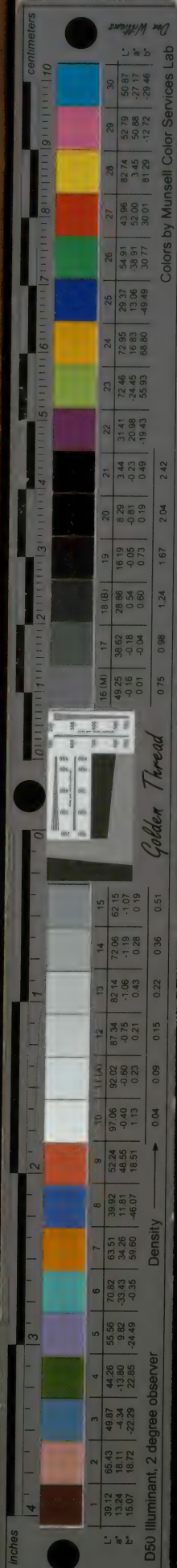
+ The Bahama Isles

+ Japan

+ Victoria

and trade

Narnidia

and Societies  
Schools for Indians.



4. Second war with Great Britain.  
 5. Secession and the civil war: the Sanitary Commission: U. S. and State Adj.-General's Reports (1861 to 1868): Particular regiments: Rolls of Honor: the Freedmen: Reconstruction: the Alabama question: etc. (See U b 6 +.)

+ . Confederate States of America.

6. Local and occasional politics, etc., of the U. S., arranged chronologically.

Pamphlets relating to American affairs, *except those relating to the Rebellion (Uy 5)*

+ . The Federalist.

7. U. S. Government. State Papers, Public Documents, Congressional Debates and Directories, etc. *President's messages*

+ . Blue Books, Registers of U. S. officers, Army and Navy lists, West Point Registers, etc.

△. The Treasury and the Tariff. *Internal Revenue*

□. War Department. (See U b 6 +. *and Uy 5*)

IV. State "

V. Navy " Navy regulations.

VI. Interior " *Land Office*

VII. P. Office Department. (See I i 3 +.) *Lists of Post offices*

VIII. District of Columbia: Washington City. — *use for everything concerning*

8. Particular States and Territories (Except Utah, A o 9), arranged alphabetically. (See U b note.)

*Note: Under the history of each State are included, as a rule, its public documents: (See Ef 2, Ih 2, Il 3, Uy 5); also local histories, gazetteers, etc.*

*(See U b 8, U c 7.) In this section New England is treated as if it were a State*

9. British America and the W. Indies.

+ . Nouvelle France: Canada.

△. Acadie: Nova Scotia, Newfoundland, New Brunswick, etc.

□. Jamaica. *and Trinidad*

IV. St. Domingo: Hayti.

V. Barbadoes.

VI. Cuba, Porto Rico, etc.

VII. Bahamas and Bermudas.

VIII. Hudson's Bay Territory, Manitoba, Victoria, etc. *British Columbia Prince Rupert, (and)*

IX. Danish West Indies.

10. Spanish America, Mexico, and Central America.

+ . The war between the U. S. and Mexico.

11. South America.

+ . Peru.

△. Brazil, La Plata, Paraguay, etc.

□. Demarara and Guiana.

IV. Chili and Patagonia.

12. Greenland and Labrador.

13. Buccaneers.

14. Naval and military history of U. S., including periodicals. *West Point reviews &c Regimental History*

△ Political Caricatures  
 (except of the Rebellion  
 Revolution & the Revolution)  
 □ The colored race in America

IX Dept of Justice

Argentine Republic

and General and Special Orders

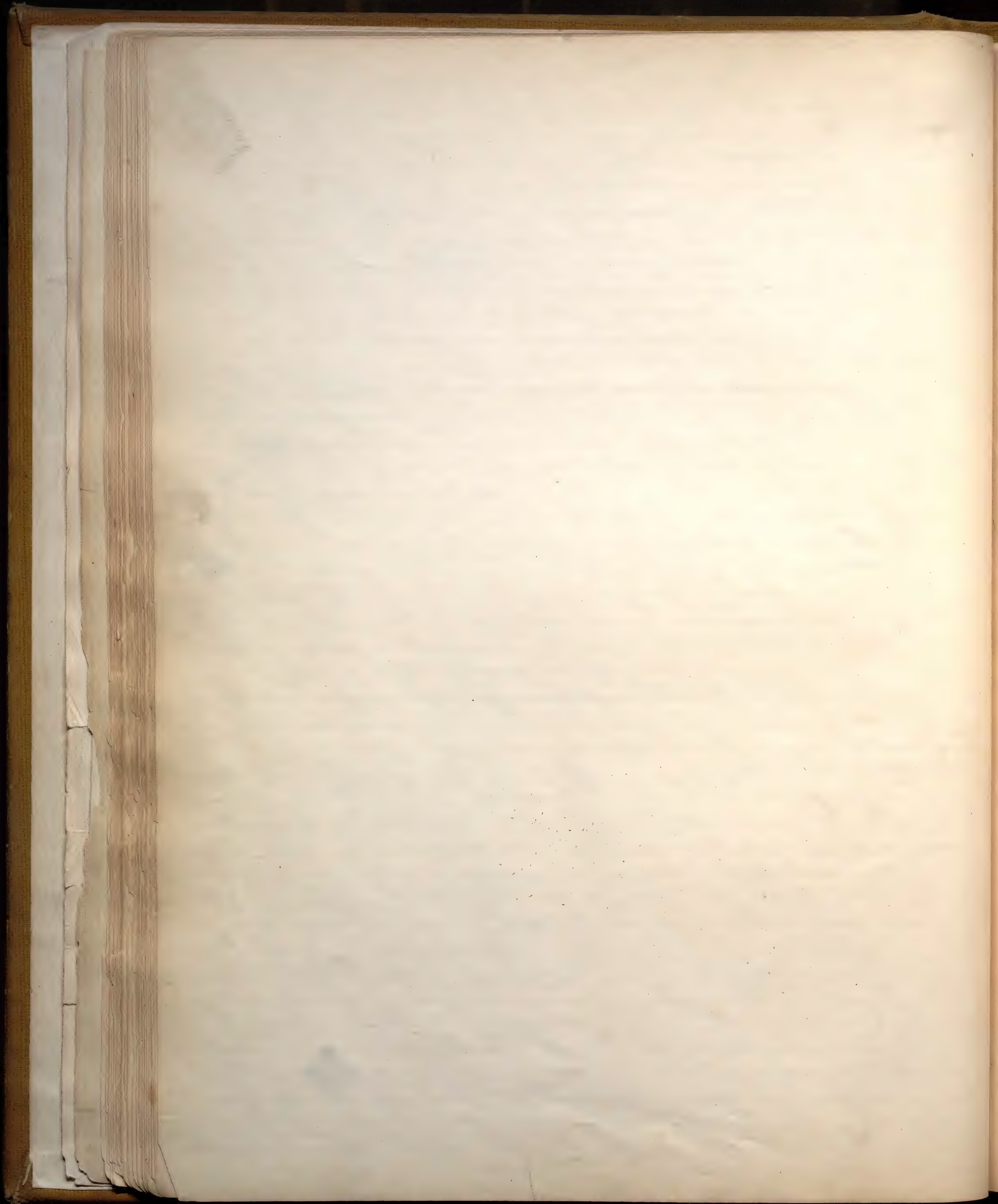
armies and

the loyal legion



Note: For notes relating to slavery in the U.S. see also 2 & 4







- z Biography, personal narratives, diaries, wills, eulogiums, arranged alphabetically by subjects.

*Note: Lives of reigning Sovereigns are classed U p, U q, U r, etc.*

1. Biographical dictionaries and collections. (See A o 13, 14.) Next of kin. Collected wills.

+ . American.

- △. Artists; painters, engravers, musicians, architects, players.  
□. Judges, chancellors, lawyers.

2. Biography in the French language. (See U v 1.)

3. Portraits and treatises thereon, etc. (See I d and U g.)

4. Epitaphs.

5. Autographs, *including sale catalogues*

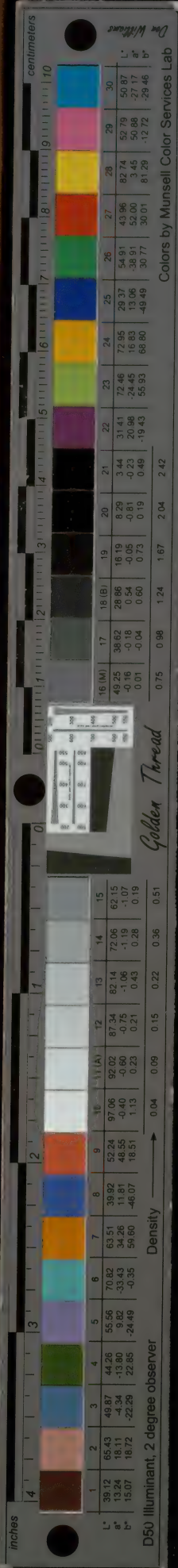
+ . American.

*Note: Books, letters, etc., relegated to the Department of Manuscripts, will have a distinguishing mark (MS.) in the card catalogue, but will be classified precisely as if they were in print; autographs which have a value chiefly as illustrating the writer's life and character being marked U z 5, or U z 5+. The cards used for the Department of Manuscripts should be of a different color from the rest.*

*See also Np 8*

*individual as well as  
collective*

*and fac-similes thereof;*





## CLASS Y. BIBLIOGRAPHY.

*Note. Bibliographies of bibliography will be classed under Y only.*

- a General and miscellaneous catalogues and treatises. Periodicals. Best reading.
- b Special catalogues and treatises.
  - 1. Americana.
  - 2. Pseudonyms ~~and~~ autonyms. *and initials*
- c Sale catalogues, Publishers' Circulars and Trade Lists. *See American*
- d Catalogues and descriptions of private libraries.
- e Catalogues of public libraries.
- f Art of cataloguing, classification of knowledge: Library economy, histories, associations, periodicals, etc.
- g Arts of writing, illuminating, printing, and book binding. Manufacture of paper and ink.
  - 1. Playing cards and block books, with fac-similes thereof.
  - 2. Exemplaria Typographica: Aldus, Baskerville, Strawberry Hill, Saur, Jansen, Ephrata, etc. Printing for the blind.
  - 3. Curious bindings.
  - 4. Penmanship.
  - 5. Philately. Catalogues of postage and excise stamps.
- h Stenography, Phonetic writing and printing, Steganography, etc.
- i Book rarities, incunabula, book plates and treatises thereon.
  - 1. Rarissima necnon pretiosa.
  - 2. Palæographia: ~~Illuminated~~ MSS. and Fac-similes. Diplomatics.
  - 3. Incunabula, and curious books of the 16th century.
  - 4. Ex-libris and treatises on book plates.
- k History and philosophy of literature.
  - 1. Greek and Latin. *Treatises on classical literature*
  - 2. English.
  - +. American. (See Y b 1.)
  - 3. French.
  - 4. German, Dutch, and Scandinavian.
  - 5. Italian.
  - 6. Other. (See A n.)

*and Reports*

*mus*



W

inches 4 3 2 1 0 1 2 3 4

centimeters 10 9 8 7 6 5 4 3 2 1 0

Golden Thread

D50 Illuminant, 2 degree observer

1	2	3	4	5	6	7	8	9	10	11 (A1)	12	13	14	15		
38.12	65.43	49.87	44.26	55.56	70.82	63.51	39.92	52.24	97.06	92.02	87.34	82.14	72.05	62.15		
13.24	18.11	-4.34	-13.80	9.82	-33.43	34.26	11.81	48.55	-0.40	-0.60	-0.75	-1.06	-1.19	-1.07		
15.07	18.72	-22.29	22.85	-24.49	-0.35	59.60	-46.07	18.51	1.13	0.23	0.21	0.43	0.28	0.19		
										Density	0.04	0.09	0.15	0.22	0.36	0.51

Colors by Munsell Color Services Lab

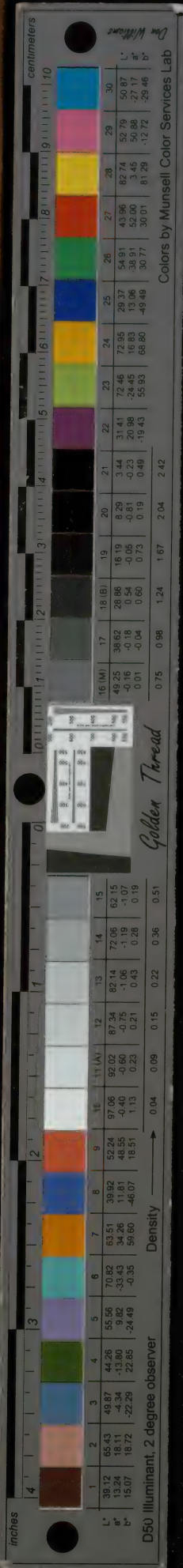
16 (M)	17	18 (B)	19	20	21	22	23	24	25	26	27	28	29	30
49.25	38.62	28.86	16.19	8.29	3.44	31.41	72.46	72.95	29.37	54.91	43.96	82.74	52.79	50.87
-13.24	-9.16	-13.24	-0.16	0.19	-0.23	20.96	-24.45	16.83	13.06	-38.91	52.00	3.45	50.88	-27.17
0.01	-0.04	0.50	0.73	0.19	0.49	-19.43	55.93	68.80	-49.49	30.77	30.01	81.29	-12.72	-29.46







# INDEX.





NOTE.

For the convenience of Librarians who use Mr. Dui's system of classification, his numbers are appended in the OUTER COLUMN of this Index.

The letter S means *see the subject*.

When a reference is made to two or more subdivisions, they should all be referred to before deciding under which head to classify a particular book.





Color calibration chart and ruler.

**inches**

4 3 2 1 0

**centimeters**

10 9 8 7 6 5 4 3 2 1 0

**D50 Illuminant, 2 degree observer**

	1	2	3	4	5	6	7	8	9	10	11 (A1)	12	13	14	15
L*	39.12	65.43	49.87	44.26	55.56	70.82	63.51	39.92	52.24	97.06	92.02	87.34	82.14	72.05	62.15
a*	13.24	18.11	-4.34	-13.80	9.82	-33.43	34.26	11.81	48.55	-0.40	-0.60	-0.75	-1.06	-1.19	-1.07
b*	15.07	18.72	-22.29	22.85	-24.49	-0.35	59.60	-46.07	18.51	1.13	0.23	0.21	0.43	0.28	0.19

**Density**

0.04 0.09 0.15 0.22 0.36 0.51

**Golden Thread**

	16 (M)	17	18 (B)	19	20	21	22	23	24	25	26	27	28	29	30
L*	49.25	38.62	28.86	16.19	8.29	3.44	31.41	72.46	72.95	29.37	54.91	43.96	82.74	52.79	50.87
a*	-0.16	-0.18	-0.54	-0.05	-0.81	-0.23	20.98	-24.45	16.83	13.06	-38.91	52.00	3.45	50.88	-27.17
b*	0.01	-0.04	0.60	0.73	0.19	0.49	19.43	55.93	68.80	-49.49	30.77	30.01	81.29	-12.72	-29.46

Colors by Munsell Color Services Lab







# ALPHABETICAL INDEX.

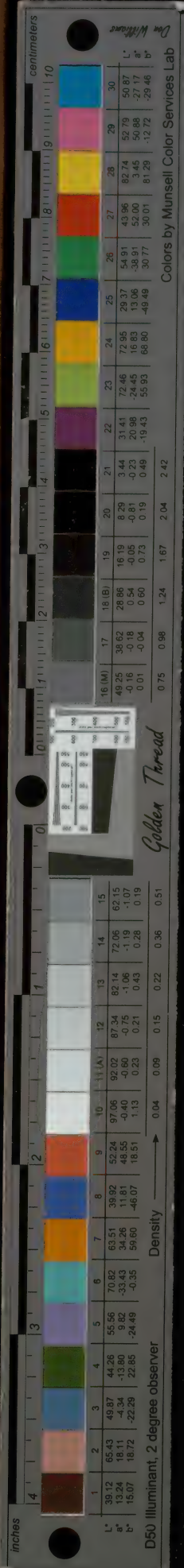
"A place for everything, and everything in its place."

Abolition	Ii 4, Uy 5	326	Africa—		
Aborigines of America	O a 2, Uy 1	970	ecclesiastical history	A o	276
Abortion	In 4	618	geography	U b, U b 4	916
Abridging, art of	O b 2	815	geology	I l 2	556
Abyssinia	U f 4, U d 12 +	963	history	U x	960
" language	O a 2	493	statistics	U c	316
Academies	I h 2	378	travels	U d 12	916
" of science	I y	506	Central	U d 12 □	916, 966
Acadie "fine arts Is	U y 9 △	971	East	U d 12 vii	916, 960
Accounts	I u 2	657	North	U x 9, U d 12 v	916, 961
Acoustics	I r	534	South	U d 12 △	916, 968
Aerostics	O m	819, 829, 839, etc.	West Coast	U d 12 vi, U x 10	916, 966
Acting	O e	792	African colonization	I i 4 +	325, 960
Actors, lives of	U z 1 △	927	Agricultural chemistry	I u 11	631
Acts and Resolves	E f	328	Agricultural reports	I u 11 △	630
Acts of the Apostles	A e 5, A e	226	Agriculture	I u 11	630
Addresses	O c	815, 825, 835, etc.	Air	I k 3, I k 4	533
Adjutant-Generals' reports	U y 5, U y 7 □, U y 8	355	Alabama	U y 8	976
Administration	I i, U y 7	350	Alabama question	U y 5 341, 973, 942	
Administrative law	E f	342	Alaska	U y 8	977
Admirals' lives	U p 8	923	Albania	U d 10, U x 1	949
Admiralty Law	E b	346	Albertypes	I s 5	774
Adultery	E b, I g 2	176, 345	Albigenses	A o 11, U u	272, 944
Advent, second	A l	236	Alchemy	I e 1	540
Advertising	I i 3, O p 1	659	Alcoholic liquors	I g 5, I n 2 +	178, 615, 663
Aerolites	I k 3	551	Ales	I u 10 +	663
Aeronautics	I k 3 +	533	Alexandrian philosophy	I a 1	180
Æsthetics	I s	701	Algæ	I l 5	582
Æthiopia	U d 12 +	966	Algebra	I o 1	512
Affections	I c	157	Algeria and Algiers	U x 9	965
Afghanistan	U f 3, U x 3, U d 11 △	958	Aliens	E b	343
Africa—botany	I l 1, I l 5	586	Allegories	O f	819, 829, 839, etc.
customs and costumes	U f 9	396	Almanacs	I p 1	528
description	U d 12	916	" statistical	I p 1, O o	313

(33)

Accidents I h 4

E e 3





Almshouses	Ii 7	361	Anatomy, art	Is 9	743
Alphabets	Oa	411, 421, 431, etc.	“ comparative	In 1	591
“ ornamental	Yg	745-748	“ human	In 1	611
Ambassadors	Eb	341	Ancient architecture	It, It 7, Uf	722
Ambrotype	Is 5	772	“ customs, costumes	Uf 9	391
America	Ud 13, Uy	917, 918, 970, 980	“ design	Is 10	746
America Central	Ud 13 Δ, Uy 10	917, 979	“ geography	Ub, Ub 1 +	912
America North—	Ud 13, Uy	970	“ history	Ue	930
botany	Il 1, Il 5	587	“ law	Ed	340
customs and costumes	Uf 9	397	“ philosophies	Ia, Ia 1	180
description	Uc 5, Ud 13, Uy	917	“ sculpture	Is 4, Is 10	732
ecclesiastical history	Ao	277	Anecdotes, miscellaneous	Og	829
geography	Ub, Ub 5, Ub 6	917	“ religious	Og	249
geology	Il 3	557	“ sporting	Ix 1 +	796
history	Uy	970	Aneurism	In 3, In 4	617
statistics	Uc 6	317	Angels	Al, Ie 3, 4	235
travels	Ud 13	917	Anglican church	Ao 3	283
America South—	Ud 13 +, Uy 11	980	Angling	Ix 1	799
botany	Il 1, Il 5	588	Anglo-Saxon history	Up 1 +	942
customs and costumes	Uf 9	398	“ language	Oa 2	429
description	Uc 5, Ud 13, Uy 11	918	Animal magnetism	Ie 4	134
ecclesiastical history	Ao	278	“ kingdom	Il 6	590
geography	Ub, Ub 1 +	918	Animalculæ	Il 6, Ir 1	593
geology	Il 3	558	Animals, domestic	Iu 13	636
history	Uy 11	980	Annals, general	On 1 +	313
statistics	Uc 6	318	“ special (see sub- ject).		
travels	Ud 13 +	918	Annuities	Io 4	333
American antiquities	Uf 8, Uy 1	571	Anonyms	Yb 2	14
biographical dictionaries	Uz 1 +	920	Antarctic regions	Ud 3 +	999
languages	Oa 2, Uy 1	499	“ “ travels	Ud 3 +	919
painting	Is 2, Is 10	756	Anthropology	Im	130
philosophy	Ia, Ia 1	191	Antilles	Uy 9	979
revolution	Uy 3	973	Anti-Masonry	Ui	366
slavery	Ii 4, Uy 5, 6	326	Antinomianism	Ao 16	234
Americana	Yb 1	970, 980	Antiquities (see country or subject)	It 7, Uf	
Americanisms	Oa 2	427	“ Biblical	Ad	220, 933
Amherst College	Ih 2	378	“ classical	Uf 6	937, 938
Amputation	In 4	617	Antiquity of man	Im, Uf 1	571
Amusements	Ix	175, 790	Aphorisms	Og	819, 829, 839, etc.
Ana	Og 1	819, 829, 839, etc.	Apocalypse	Ac 5, Ae	228
Anæsthetics	In 3	615, 617, 618	Apocrypha	Ac 4	229
Anagrams	Og	14	Apologetics	Af	239
Analysis, chemical	} Ik 4	543	Apoplexy	In 5	616
“ qualitative		544	Apostles	Ad	922
“ quantitative		545	Apostolic church	Ao	274-276
Analytical geometry	Io 2	516	“ succession	Al	262
			Apothegms	Og	819, 829, 839, etc.
			Apparitions	Ie 3, Ie 4	133





centimeters

inches

Golden Thread

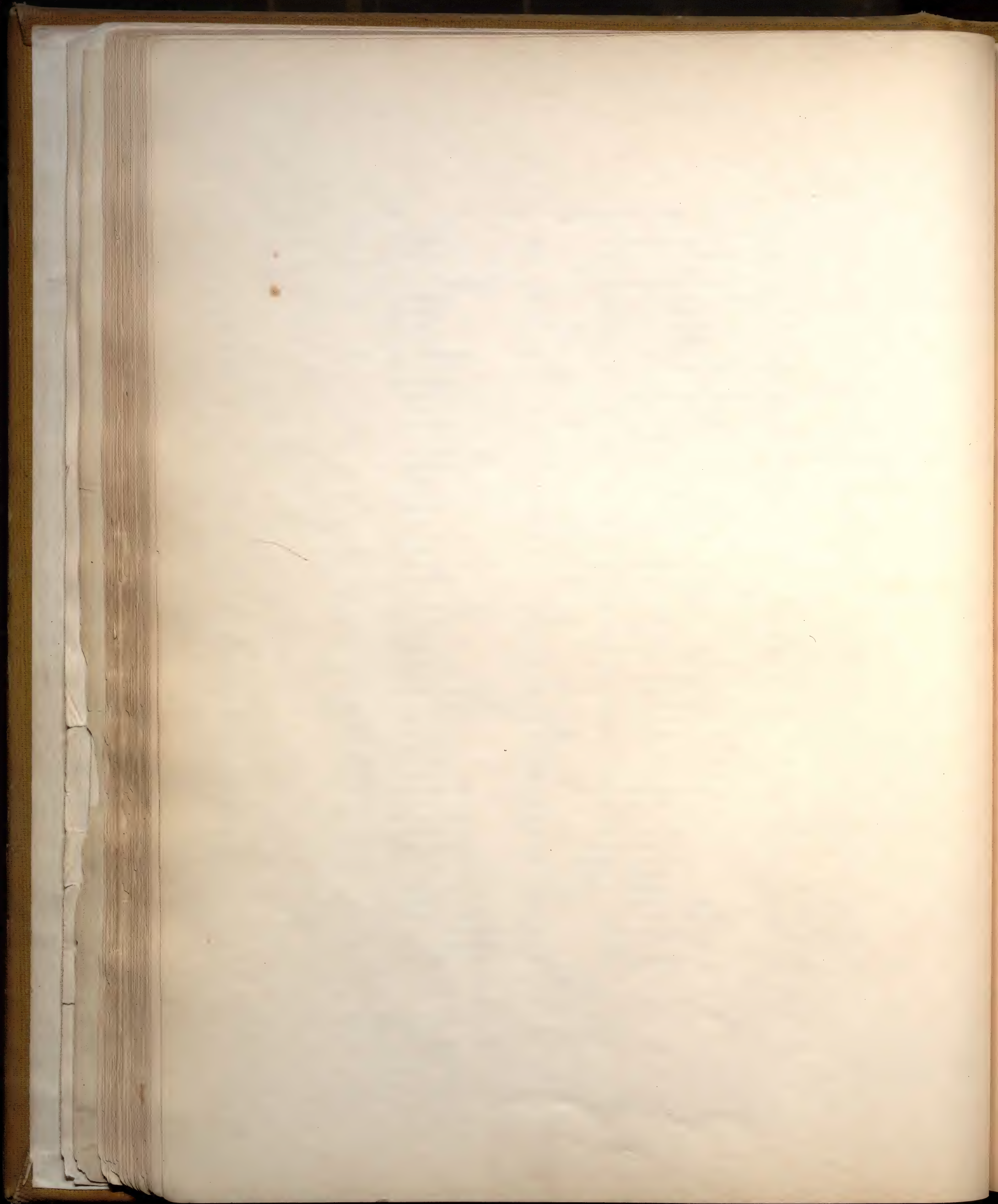
D50 Illuminant, 2 degree observer

	1	2	3	4	5	6	7	8	9	10	11 (A1)	12	13	14	15	
L*	39.12	65.43	49.87	44.26	55.56	70.82	63.51	39.92	52.24	97.06	92.02	87.34	82.14	72.05	62.15	
a*	13.24	18.11	-4.34	-13.80	9.82	-33.43	34.26	11.81	48.55	-0.40	-0.60	-0.75	-1.06	-1.19	-1.07	
b*	15.07	18.72	-22.29	22.85	-24.49	-0.35	59.60	-46.07	18.51	1.13	0.23	0.21	0.43	0.28	0.19	
Density											0.04	0.09	0.15	0.22	0.36	0.51

Colors by Munsell Color Services Lab

	16 (M)	17	18 (B)	19	20	21	22	23	24	25	26	27	28	29	30
L*	49.25	38.62	28.86	16.19	8.29	3.44	31.41	72.46	72.95	29.37	54.91	43.96	82.74	52.79	50.87
a*	-0.16	-0.18	-0.54	-0.05	-0.81	-0.23	20.98	-24.45	16.83	13.06	-38.91	52.00	3.45	50.88	-27.17
b*	0.01	-0.04	0.60	0.73	0.19	0.49	-19.43	55.93	68.80	-49.49	30.77	30.01	81.29	-12.72	-29.46





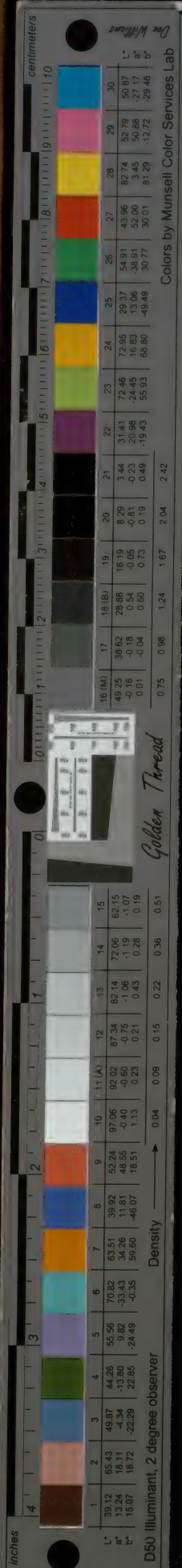


## ALPHABETICAL INDEX.

35

Apples	Iu 11+	634	Artillery	Iw	358
Aquariums	Il6	590	Artists' lives	Uz 1 Δ	927
Aquatint	Is 2	766	Arts and trades	Iu	600
Aqueducts	Ii5	628	Arts, fine	Is	700
Arabia, ancient history	Ux 6	939	“ “ biography of	Is 10, Uz 1 Δ	927
“ modern	Ud 10, Ux 6	953	“ useful	Iu	600
Arabic language	Oa 2	493	“ “ biography of	Uz 1	926
“ philosophy	Ia 1	197	Ashantee	Ud 12 vi	
Arabs in Spain	Ux 6+	946		Ux 10	967
Arboriculture	Il5+Iu 12	715	“ geography	Ub, Ub 4	916
Arbors	It 6, 7, Iu 12	717	Asia—	Ux	950
Archæology	Uf	571	botany	Il 1, Il 5	585
Archæology, prehistoric	Uf 1	571	customs and costumes	Uf 9	395
Archery	Ix 1	799	ecclesiastical history	Ao 1	275
Arches	It 7	721	geography	Ub, Ub 3	915
Archipelago, East Indian	Ud 11, Ux 3	915	geology	Il 2, Il 3	555
“ Greek	Ud 10	914	history	Ux	950
Architects, lives	Uz 1 Δ	927	statistics	Uc	315
Architectural drawing	Is 1	744	travels	Ud 11	915
Architecture	It	720	Asia Minor	Ud 10, Uf 6,	
“ naval	Iv	699		Ux 1	956
Arctic regions	Ud 3+	998	Asiatic languages	Oa 2	490
“ “ travels	“	919	“ societies	Ux 915, 950, 395	
Argentine republic	Uy 11 Δ	982	Assassination	Eh	345
Arianism	Ao 8+	281, 232	Assault and battery	Eh	345
Aristocracy	Ii	322	Assaying	Il 4,	668
Aristotelian philosophy	Ia, Ia 1	185	Assent	If	163
Arithmetic	Io 1	511	Associations	Ao 15, Ii 5+,	
Arizona	Uy 8	977		Ii 7, Iy	360
Arkansas	Uy 8	976	“ business	Ii 3 Δ	367
Armenia	Ud 11 □	956	“ charitable	Ii 7	361
Armenian Church	Ao 1	281	“ musical	Is 7	789
Armies	En, Iw, Up 8,		“ religious	Ao 15	362
	Uy 7 □	355	Assurance	Io 4	368
Arminianism	Ao, Ao 7	287, 234	Assyria	Uf 2	935
Armor	Iw 1, Uf 9, Uh	355	Assyrian language	Oa 2	493
Army, British	Up 8	355	Asthma	In 5	616
“ U. S.	Uy 3, 4, 5, 7 □,		Astrology	Ie 2	133
	10+	355	Astronomical maps	Ip	524
Army regulations	En	355	“ observations	Ip	525
“ lists	Up 8, Uy 7+	355	Astronomy	Ip	520
Art	Is	600, 700	Asylums, blind	Ih 3, Ii 7	361
“ anatomy	Is 9	743	“ deaf and dumb	Ih 3, Ii 7	361
“ biography	Uz 1 Δ	927	“ for insane	In 8	361
“ Christian	Is 8	709	“ orphan	Ii 7	361
“ decorative	It 6	745-748	Atheism	Ab	211
“ education	Is	707	Athletic sports	Ix 1	796
“ history of	Is 10	709	Atlantic ocean	Ub 10	913
“ schools	Ih 2, Is	753-756	Atlantis	Uf 1	551, 912
Artesian wells	Ii 5	628	Atlases	Ub 1 to Ub 9	910
Articulates, paleontology	Il 2	565	Atmosphere	Ik 3	533
“ zoology	Il 6	595	Atonement	Al	234

Aryans Im 2





*Philosophy of mortality My 8*

Attributes of God	Ab	231	Bells	It 1, Iu 4	671
Auctions	Ii 3	381	Beloochistan	Ud 11 Δ	915
Aurora	Ik 3	537, 551	Benevolent societies	Ii 7, It 1	361
Australasia	Ub 9, Ux 5,	993	Bermudas	Uy 9 vii	971
Australia	Ud 3, 4	994	Best reading	Ya	017
Austria	Us 1	943	Bhagvat Gita	Aq 4	894
Authority	Ig, Ii	171	Bible	Ac	220
Authors' lives	Uz 1, Yg K	928	" aids to study	Ad	220
Autobiography	Uz	920, 929	" antiquities	Ad	220, 933
Autographs	Uz 5	021	" commentaries	Ae	220
Autonyms	Yb 2	041	" concordances	Ad	220
Ava	Ud 11,		" dictionaries, etc.	Ad	220, 203
	Ux 3	954, 663	" in schools	Ih 2	377
Azores	Ud 8 +	946	" inspiration	Af 3	238
<b>Baalbec</b>	Uf 6	93	" societies	AO 15	362
Babylon	Uf 2	935	Biblical criticism	Ae	220
Backgammon	Ix 2	795	Bibliographies	Ya, b, c, d, e	11
Baconian philosophy	Ia, Ia 1	192	Bibliography	Y	10
Bahamas	Uy 9 vii	979	Billiards	Ix 2	795
Ball playing	Ix 1	797	Bimetalism	Ii 2	332
Ballads	Od 2 + 811, 821,		Bindings, curious	Yg 3	025, 912
	831, 841, etc.		Biography	Uz	920
Ballooning	Ik 3 +	533	" actors	Uz 1 Δ	927
Bampton lectures	Af	239	" American	U3 1 +	920
Banditti	Un, Uz 1	345, 366	" army and navy	Up 8, Uy 14	923
Bank Note Engraving	Is 3	768	" artists	Uz 1 Δ	927
Bankrupt laws	Ef e	343	" British	Uz	920
Banks	Ii 2	332	" Christian	AO 13, 14	922
Baptism	AO 6	264	" dictionaries	Uz 1	920
Baptists	AO 6	286	" in French	Uz 2	920-9
Bar (legal)	Ea	340	" royal and noble	Uh 2	923
Bar tending	Iu 10 +	178	" statesmen	Up 9, Uz 1	923
Barbadoes	Uy 9 v	918, 989	Biology	Ic, Il 7	570
Barbary States	Ux 9	961	Birds	Il 6 +	598
Barometer	Ik 3	533, 551	" palæontology	Il 2	568
Barrows, British	U 17 f	571	Birth	In 4, Uh 2	618
Bas-reliefs	Is 4	731	Births	Uc	312
Base ball	Ix 1	797	Blacksmithing	Iu 3	682
Basque language	Oa 2	499	Blasphemy	Eh	233
" provinces	Uw	946	Bleaching	Iu 5	667
Baths	Il 2 +, In 7	613	Blind asylums	Ii 7	361
Bavaria	Us	943	" education of	Ih 3	361
Beauties (selections)	Ob 1, Od 2 iv v	802	" printing for	Ih 3, Yg 2	361
Beauty	In 7, Is 1, Ob	701	Blindness	In 5	616
Beer	Iu 10 +	663	Block books	Yg 1	22
Bees	Iu 14	638	Blowpipe	Ik 4	543
Beetles	Il 6	595	Blue books, parliamentary	Up 5	328
Beet sugar	Iu 11	664	" " United States	Uy 7 +	328
Beets	Iu 11	635	Blue laws	Ef 2, Uy 8	343
Belgium	Ud 7, Ut	949	Board of Health	In 7	614
Belles-lettres	O	800	" of Trade	Ii 3 Δ	380
Bell-ringing	It 1, Iu 10	785	Boating	Iv, Ix 1	797

*2/*

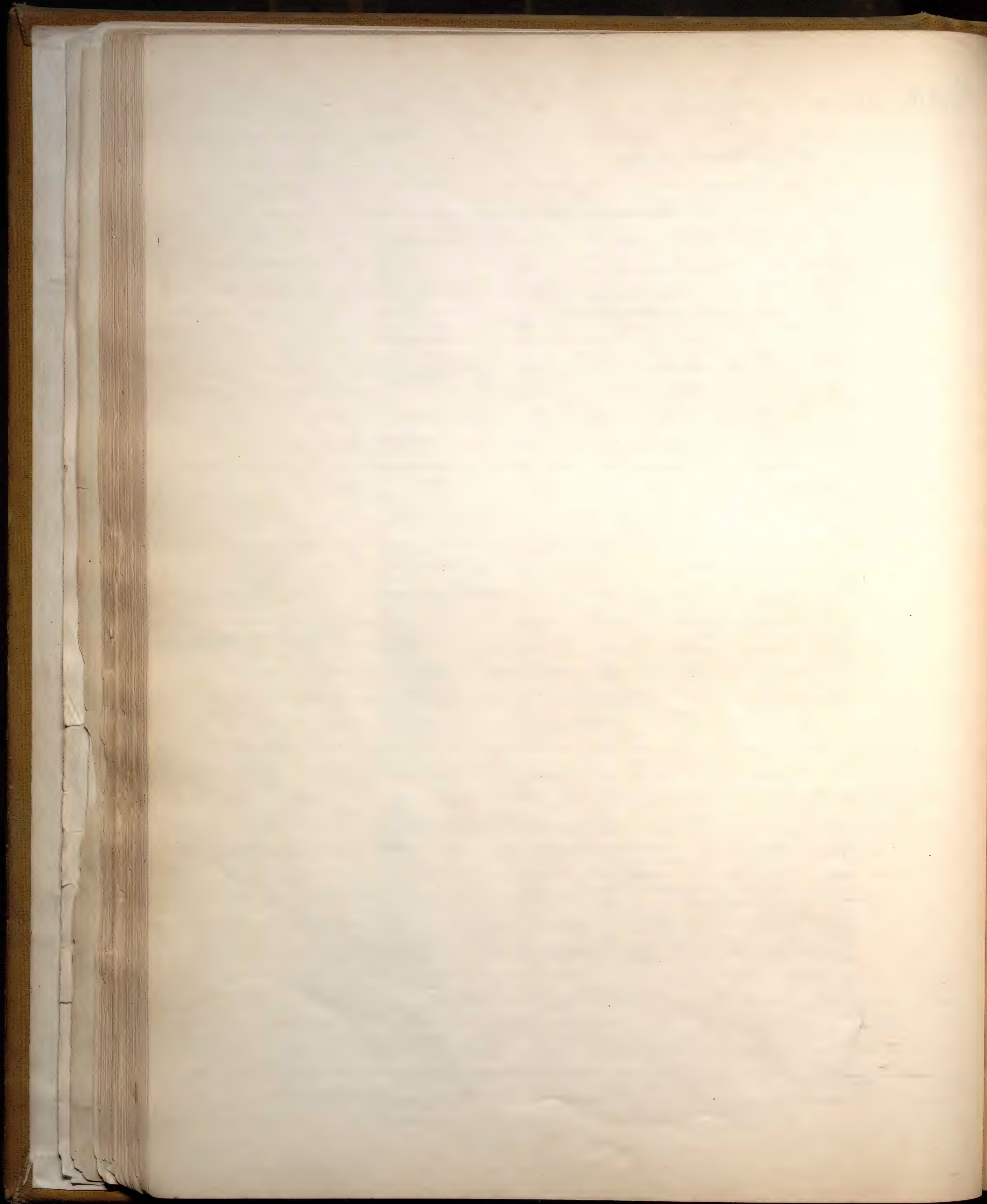
*Baptismal registers Ah 2*



Bastille rev





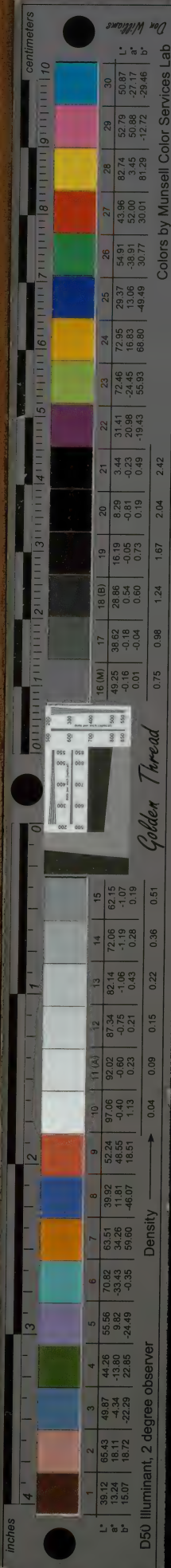




## ALPHABETICAL INDEX.

37

Boats	Iv	797, 699	British topographies	Uc2	914
Body and mind	In8	130	Britons	Im2, Up	942, 941
Bohemia	Us1	943	Bronchitis	In5	616
Bohlen lectures	Af	239	Bronzes	Is4	738
Bokhara	Ud11Δ, Ux3	959	Buccaneers	Uy13	345, 366
Bolivia	Uy11	984	Buddhism	Aq4	294
Bonaparte	Uv3	923	Buenos Ayres	Uy11Δ	982
Bonds and stocks	Ii2	333	Building	It	690
Bones	In1	611	Bull fights	Ix1	796
Book binding	Yg, Yg3	10, 25, 686	Burial	Uf9	390, 614, 719
“ collecting	Ya	10	Burmah	Ud11, Ux3	954
“ keeping	In2	657	Business	Ii3	650, 380
“ plates	Yi4	027	Business ethics	Ec, Ig4	174
“ rarities	Yi	20	“ manuals	Ii3	658
Book of Common Prayer	Ag2	244	Butter	Iu13	637
Books	Y	10, 20	Butterflies	Il6	595
Books of prints	Is6	769	Byzantine Empire	Um2	949
Booksellers' catalogues	Yc	17, 18	Byzantium	Ubr+	914
Boot-making	Iu8	685, 675	<b>Cabinet making</b>	Iu7	684
Borneo	Ux3Δ	992	Cæsars	Um1	937, 923
Botany	Il5	580	Calabria	Uu4	945
“ fossil	Il2	561	Calculators	Ii2, Io	511
“ medical	In2	615	Calculus	Io1	517
Boxing	Ix1	796	Caledonia	Up2+	941
Boyle lectures	Af	239	Calendar	Ip2	529
Brahmanism	Aq4	294	California	Uy8	977
Brain	In1, In8	131, 612	Calisthenics	In7	613
Brandy	Iu10+	615, 663	Caloric	Iki	536
Brazil, history	Uy11Δ	981	Calvinism	Al, Ao11Δ	342
“ travels	Ud13+	918	Cambists	Ii2	332
Breviaries	Ag1	244, 282	Cambria	Up3	942
Brewing	Iu10+	663	Cambridge University	Ih2	378
Bric-a-brac	It6+	738	Cameos	It6+	636
Bricks	Iu9	673	Campbellism	Ao11	286
Bridge-building	Ii5	624	Camping out	Uc1	796
Brigands	Uz1	345, 366	Canada	Uy9+	972
British America	Uy9	971	Canal engineering	Ii5	626
“ army	Up8	355	“ Suez	Ux4+	626
“ colonies	Up10	942	“ transit	Ii5+	386
“ Columbia	Uy9viii -	972	Canary Isles	Ud8+	946
“ empire	Up10	942	Cancer	In5	616
“ Exchequer	Up5+	328	Cane sugar	Iu11	633
“ government pub's	Up5	328	Canon law	Ed	348
“ history	Up	942	Canon of Scripture	Ad1	220
“ India	Ux3+	954	Caoutchouc	Iu8	675
“ Museum	Iy2	369	Cape of Good Hope	Ux11	968
“ navy	Up8	359	Capital and labor	Ii1	331
“ poets	Od2iv	821	Capital punishment	Eh1	345
“ politics	Up6	323, 942	Car-building	Ii6	699
“ sovereigns	Up7	923, 942	Cardinals	Ao13	282, 922
“ statesmen	Up9	923	Card-playing	Ix2	795
			Caribbee Islands	Ud13Δ, Uy9	989



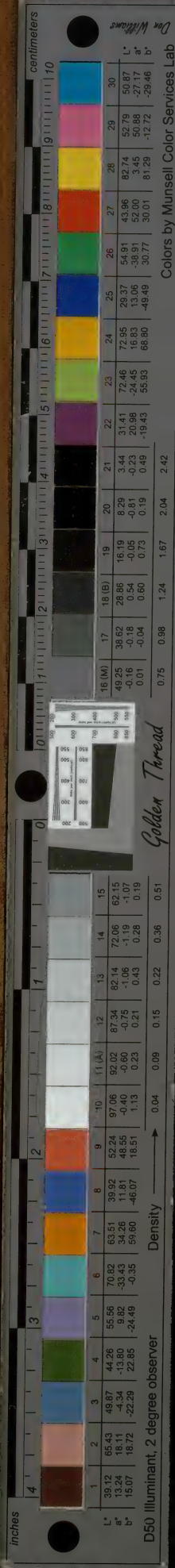


*Caricatures, political 11p6, 11y6*

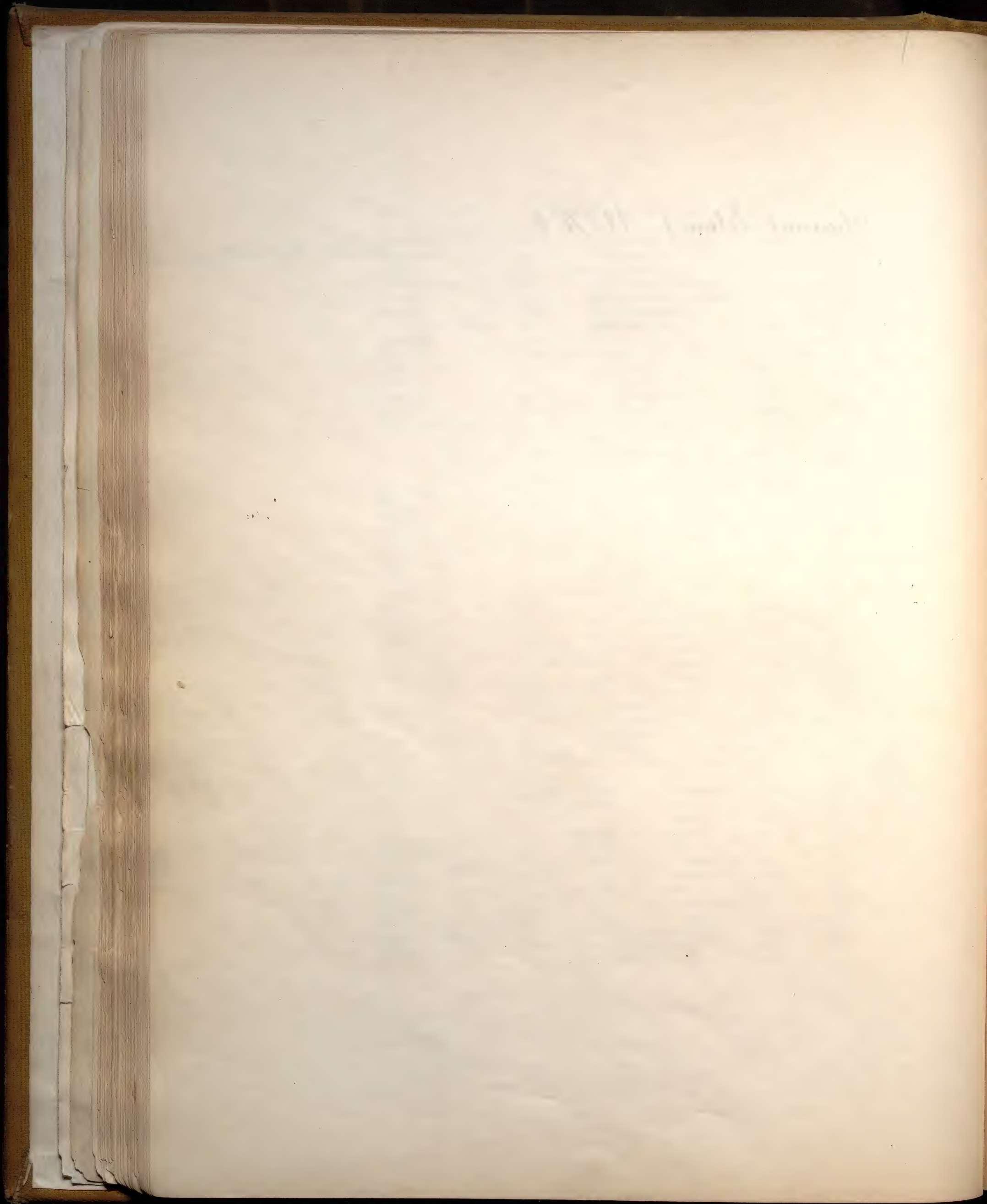
Caricatures	Is 6 Δ	741	Chances	Io 4	519
Carpentry	It 4	694	Change of air	In 3 Δ	613
Carpets	Iu 5	677, 645	Charades	Ix 2	795
Carriage making	Iu 7	684	Charges, Episcopal	Am	257
Carthage	Ux 12	939	Charitable associations	Ii 7	361
Carving	Iu 15	643	Charlemagne	Us 2	944, 923
“ and chasing	Is 4	736	Charles V.	Us 2	946, 943, 949, 923
Cashmere	Ud 11 Δ	954	Charts	Ub 7, Ub 10	910
Caspian	Ud 11 □	914, 947	Charts, history	Ua	908
Castile	Uw	946	Chasing	Is 4	736
Casts	Is 4	730	Checkers	Ix 2	795
Casuistry	Ig 4	171	Cheese	Iu 13	637
Catacombs	Uf 6 Δ	319, 719	Chefs d'œuvre	Iu 16, Is 6, Od 2 iv	S
Catalogues—Authors	Ya, b, c, d	18	Chemical analysis	Ik 4	543
“ book sales	Ye	12-18	“ technology	Ik 5	660
“ Books	Ya, b, c, d	12-18	Chemicals—manufacture	Ik 5, Iu 5	661
“ Libraries	Yd, Ye	12-18	Chemistry	Ik 4	540
“ Subjects	Ya, b, c, d	17	“ agricultural	Iu 11	631
Cataloguing	Yf	019	“ applied to the arts	Ik 5	660
Catarrh	In 5	616	Chess	Ix 2 +	794
Catechisms	Ag	241	Childbirth	In 4	618
Cathedrals	It 1, It 7	726	Children, diseases of	In 5	616
Catholic and Protestant	Al 1	282	Chili	Uy 11 iv	983
Catholic Church	Ao 2	282	Chimneys	It 2	693
Cattle	Iu 13	636	China, ancient	Ux 2	931
Caucasus	Ud 11 □	914, 447	“ modern	Ux 2, Ud 11	951
Caucuses	Uy 6	324	Chinese history	Ux 2	951
Cavalry	Iw	357	“ language	Oa 2	491
Cave temples	Uf 3	551	“ literature	Aq 6	891
Caves	Il 2, Uf 1	551	“ religion	Aq 6	299
Celibacy	Al 1, Ig 2	136, 176	Chivalry	Uh	322
Celtic language	Oa 2	496	Chloroform	In 2	615, 617, 618
“ literature	Up 3 +, Up 4 +, Yk	896	Cholera	In 5	616
Celts	Im 2, Uo 4	936	Christ	Ad, Al	232
Cements	It 3	693	Christian antiquities	Ao	270
Cemeteries	Im 12, Uf 9	719	“ art	Is 8	709
Censuses	Uc, Uc 2, Uc 6	310	“ associations	Ao 15	362
Centennial Exhibition	Iu 16	606	“ Church	Ao	261, 280
Central Africa	Ud 12 □	966	“ doctrines	Al, Ao 16	230
“ America	Ud 13 Δ, Uy 10	979	“ ethics	Ig 4	170
“ Asia	Ud 11 Δ, Ux 3	915, 958	“ fathers	Ak	270
Ceramic art	Iu 9	673, 738	“ iconography	Is 8	732
Ceremonies	Uf 9	390	“ institutions	Ao 15	260
“ religious	Ag, Aq 1	244	“ sects	Ao 11	280
Cetacea	Il 6	599	Christianity, evidences	Af	239
Ceylon	Ud 11, Ux 3	954	“ history	Ao	270-289
Chaldea	Uf 2	935	Christians, biography	Ao 14	922
Chaldee language	Oa 2	493	Christmas customs	Uf 9	390
Chamber of Commerce	Ii 3 Δ	380	Christology	Ao 16	232
Chancery law	Ee	344			



Channel Mand UCHT









Chronograms yb

ALPHABETICAL INDEX.

39

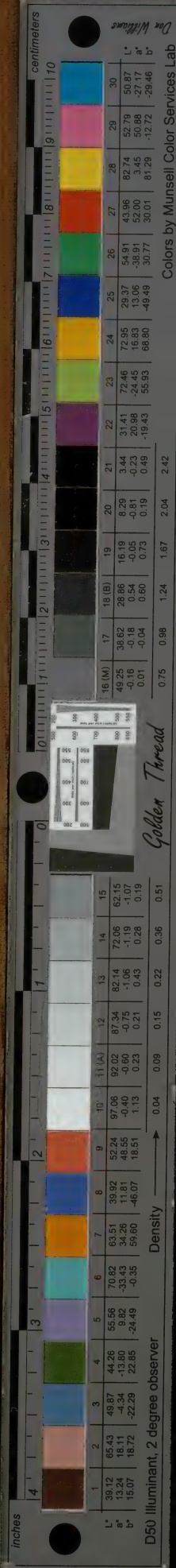
Chromolithography	Is 3	764	Cock fighting	I x i	796
Chromatography	Is 2	752	Co-education	I h	376
Chronologies	U e	902	Coffee	I u ii, i5,	
Chronology	Ip 2	529		I n 2 +	641, 633
Church	A o	261	Coinage	I i 2	332
“ architecture	It i	726	Coins	I i 2, U g	737
“ and schools	I h 2	377	Coleoptera	I l 6	595
“ and state	Al, A o 3	261, 172,	Collected biography	A o i 4, U z i	920 S
		329	“ travels	U d i	910 S
“ fathers	A k	270	“ works	O i	S
“ history	A o	270-289	Collections, art	I s 6	708
“ music	Is 7 □	783	drawing and design	I s 6	749
“ needlework	Is 8	745	engraving	I s 6	769
“ of England	A o 3	283	painting	I s 6	759
“ of Rome	A o 2	282	photography	I s 5	779
“ polity	Al	262	of poetry	Od 2 iv, 8 i i, 82 i,	
“ primitive	A o	270		v	etc.
Cincinnati Society	U h 3 △	369	of useful knowledge	I b	602 S
Circassia	U d ii □	947	sculpture	I s 4	739
Circumnavigations	U d 3	910	Collectors' manuals	I l, I s i o	579
Citizenship	E b	342	College songs	Od 2 +	784
City transit	I i 5, I i 6	388	Colleges	I h 2	378
Civil engineering	I i 5	620	Collieries	I l 4 +	628
“ law	E d	348	Colombia, S. A.	U d i 3, U y ii	986
“ service organs	U e 5, U y 7	351	Colonial history U. S.	U y 2	973
“ “ reform	I i, U y 6	351	“ system	U p i o	325
“ trials	I k 2, 3	340	Colonies	U o 3, U p i o	325
“ war	U y 5	172, 976	Colonization	I i 3	325
Civilization—progress	I m 3	313	“ African	I i 4 +	960, 325
Clairvoyance	I e 4	134	Color	I r, I s 2	535
Clans	U h 2, U p 2 +		Coloring	I t 6, I u 5	667
		394, 941	Colors, manufacturing	I u 5	661
Classical antiquities	U f 6	937, 938	Colors, painting	I s 2	752
“ education	I h	375	Columns	I t 7	720, 730
“ mythology	A q 2	292	Combustion	I k i	541
Classics, Greek	O i i +	488, 880	Comedy	O e	812, 822, 832,
“ Latin	O i i +	478, 870			etc.
Classification	Y f	112	Comets	I p	523
Clergy, lives of	A o i 3, i 4, U z	922	Comic journals	I s 6 △	818, 828
Climate	I k 3	551	“ works	O f	818, 828, 838,
Climatology	I k 3	551, 536			etc.
Clinics	I n 3	610	Commemorative sermons	A m, U z	259
Clock-making	I u 6	681	Commentaries, Bible	A e	220
Clothes-making	I u i 7	687	“ law	E b, d, e, f	340
Clothing	I u i 7, U f 9	646	Commerce	I i 3	380, 650
Clubs	U e 3 +, U f 9	369	“ history of	I i 3 +	380, 650
Coaching	I x i	381, 798	Commercial dictionaries	I i 3	380, 650
Coal	I l 4 +	549, 644	“ law	E e 2	343
Coal oil	I l 2 △	549, 644, 665	“ periodicals	I i 3 +	380, 650
Coast survey	U b 7	622	Common law	E e	343
Coats of arms	U h i	929	Common schools	I h 2	372
Cochin China	U d ii, U x 3	951	Communication	I i 5	380, 650

Leahy societies 9 h 2

Colonial money U y 2

“ literature Y k i

U y 8 h



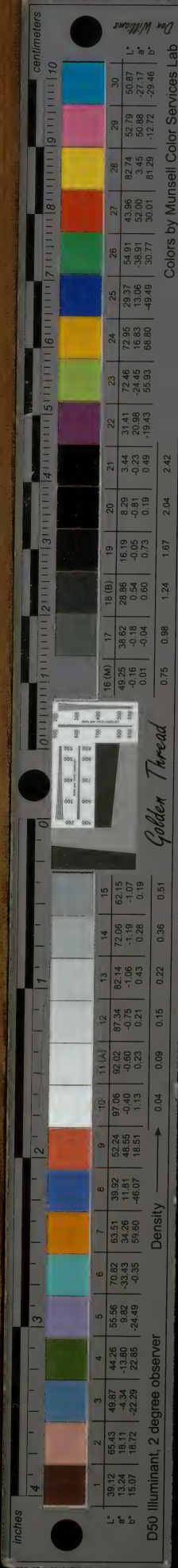


Communion	A g, A l	265	Continental travels	U d 6	914
Communism	I i r	335	Contracts	E e	343
Communists, French	U v 8	335	Controversial divinity	A l	230
Companies	I i 2, 3, 4, 5, 6, 7	360 S	Conundrums	I x 2 819, 829, 839, etc.	
Comparative anatomy	I n i	591	Convents	A o 15 +	362, 271
“ mythology	A q i	291	Conversation	O b	177
“ philology	O a	410	Conversion	A l 233, 269, 241	
Compass	I v 629, 538, 527		Conveyancing	E e r	349
Compend—			Cookery	I u 15	641
history	U e	902	Coolies	U x 2	331, 395
fine arts	I s	702	Co-operation	I i r	331
literature	Y k	802	Copper	I l 4, I u 4 671, 549	
natural science	I k	502	Copper engraving	I s 3	762
philology	O a	402	Coptic language	O a 2	492
philosophy	I a i	102	Copyright	E m	343
science	I k	502	Corals	I l 6, U b 10	593
sociology	I m 3	302	Corea	U d 11, U x	959
theology	A	202	Corn laws	I i r, U p 6 347, 343	
useful arts	I u	602	Cornices	I t 2	721
Composition	O b 2	815	Coroners	E e	343
“ musical	I s 7	781	Corporal punishment	E h	371
Comte's philosophy	I a 194, 145		Corporations	E e —	360
Conchology	I l 6	594	“ charitable	I i 7	361
Concordances	O m 6	220	“ mining	I l 4 Δ 628, 343	
Concordances of Bible	A d	220	“ railroad	I i 6 343, 385, 656	
Confectionery	I u 15	642	Correction, houses of	E h	364
Confederate States	U y 5 + 973, 976		Correlation of forces	I k	530
Confessional	A l i, I g 4	282	Correspondence	O h	816
Confessions	A o 16	S	“ Swedenborgian	I e	289
Confucianism	A q 6	299	Corsica	U v 10	944
Congregationalism	A o 5	285	Cosmetics	I u 17	646
Congress of Vienna	U v 3	923	Cosmogony	A q i	113
Congressional debates	U y 7	328	Cosmology	I l	113
“ directories	U y 7	328	Cossacks	E m 2, U q	947
“ documents	U y 7	328	Costa Rica	U d 13 Δ, U y 10	979
Conic sections	I o 2	515	Costumes	U f 9 +	390
Connecticut	U y 8	974	Cottages	I t 2	728
Conscience	I g 4 170, 233		Cotton manufactures	I u 5	678
Conservatories, plants	I u 12 716, 635		“ planting	I u 11	633
Conservatories of music	I l 7 789		“ trade	I i 3 + 381, 382	
Constantinople	U c 1, U m 2, U x 1 914, 994		Councils, ecclesiastical	A o 16 262, 270	
Constitution, English	E f 3 + 323		“ municipal	U y 8 324	
“ United States	E f i 324		Counterfeiting	I i 2 345, 332, 737	
Constitutional law	E f 342		County histories, American	U y 8 974-977	
Construction, architectural	I t 721		“ “ British	U c 4 942	
Consulate and Empire	U v 3 944		Courtesy	I g 3 177	
Consuls	E b, U y 7 + 327		Courts martial	E n 347	
Consumption	I n 5 616		Cousin's philosophy	I a 194	
Contagion	I n 3 614		Covenanters	A o 4 274, 941	
Continental heraldry	U h 1 + 929		Cows	I u 13 636, 637	
			Cranberries	I u 11 634	

“ money u y 3



Carpulene Iny





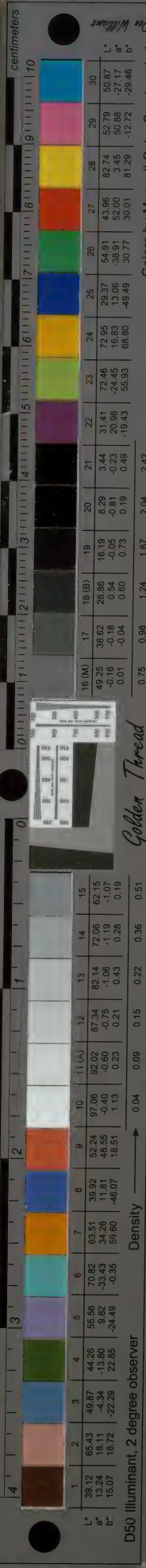
Department of Agriculture July 11 A



## ALPHABETICAL INDEX.

41

Craniology	Im 2 $\Delta$	611, 571,	Deaf and dumb institutions	Ih 3, Ii 7	361
Crayon drawing	Is 1	573	Deafness	Ih 3, In 5	616
Creation	Af 1, Il	213	Death	Ie, In 1	612
Creeds	Ag	244, 280	“ and resurrection	Af 2, Al	236
Credit	Ii 2	334	“ penalty	Eh 1	345
Cremation	In 7, Uf 9	614, 390	Debates	Up 5, Uy 7,	
Crete	Ulf	949	etc.		815
Cricket	Ix 1	796	Debating societies	Ih 4	374, 815
Crime	Eh	345	Debt, public	Ii 2, Up 5 +,	
Crimea	Ud 10	947	Uy 7 $\Delta$		336
Crimean war	Uq 1	947	Decimal system	Io 1	511
Crimes and punishments	Eh	345	“ weights & measures	Ii 3	389
Criminal law	Eh	345	Declamation	Ob	815
“ trials	Ek	345	Decorative art	It 6	745-748
Criminals, juvenile	Eh	345	Deductive logic	If	162
“ collected lives	Uz 1	923	Deism	Ab	211
Critical psychology	Ie	142	Delaware	Uy 8	975
Criticism	Ob 8, (see Essays)		Delusions	Ie 3	133
“ biblical	Ae	220	Democracy	Ii	324
“ dramatic	Oe	792, 812	Demonology	Ie 3	133
Croatia	Is 1	943	Denmark	Ud 7, Ur	948
Crocheting	Iu 17	793	Denominations, Christian	Ao 11, Aq 1	280
Cromwell	Up 7	942, 923	Dentistry	In 4 +	617
Croquet	Ix 1	796	Department of Interior	Uy 7 vi	353
Croup	In 5	616	“ Navy	Uy 7 v	359
Cruelty to animals	<del>Ii 7</del>	364, 179	“ of State	Uy 7 iv	351, 327
“ to children	<del>Ii 7</del>	364, 179	“ Post-office	Uy 7 vii	383
Crusades	Uo 2	274, 940	“ Treasury	Uy 7 $\Delta$	352
Crustacea	Il 6	595	“ War	Uy 7 $\square$	355
Cryptogamia	Il 5	582	Depravity	Al	233, 216
Crystallography	Il 4	458	Derangement, mental	In 8	132
Cuba	Uy 9 vi	979	Descartes' philosophy	Ia, Ia 1	194
Cuneiform languages	Oa 2, <i>af 2</i>		Descriptive astronomy	Ip	523
Currency	Ii 2	332	“ geometry	Io 2	744
Currents	Ub 10	551	Design, arts of	Is 1	740
Curvilinear motion	Iq	531	“ ornamental	It 6	745-8
Customs and duties	Ii 3 +, Up 5 +	337	Despotism	Ii	321
“ “ manners	Uf 9	390	Detectives	Eh	354
Cyclopædias, general	Ib	30	Deuteronomy	Ac 3	222
Cypher writing	Yh	651	Development theory	Il 7	575
<b>Daguerreotype</b>	Is 5	772	Devil	Al, Aq 5, Ie 3	235
Dahomey	Ud 12 vi, Ux 10		Devotional theology	Ah	240
		916, 967	Dew	Ik 3	551
Dairy	Iu 13	637	Dialectics	If	160
Dalmatia	Ud 6	943	Dialects—	Oa 2	S
Dancing	Ix 2	793	English	“	427
Danish	Oa 2	498	French	“	447
Darwinism	Il 7	575	German	“	437
Dates	Ue 1	902	Greek	Oa 1	487
Dauphin	Uv 2 +	923, 944	Italian	Oa 2	457
Dead Sea	Ud 10 +	915	Latin	Oa 1	477
			Spanish	Oa 2	467





Dialling	Iu 6	681	Doctrinal history	A o 16	273
Dialogues	Og	792	“ sermons	Am	253
Diamonds	It 6 +	552	“ theology	Al	230
Diaries	Uz	920	Dogma	A o 16	230
Dictionaries—	S		Dogs	Il 6, Ix 1	599, 636
arts and sciences	Ib 503, 603, 703, S		Domestic and for'n relat'ns	Up 5, Uy 7	327
biographical	Uz 1	920	“ animals	Iu 13	636
comparative	Oa	413	“ architecture	It 2	728
English	Oa 2	423	“ economy	Iu 17	640
fine art	Is	703	“ medicine	In 3	615
French	Oa 2	443	“ trade	Ii 1, Ii 3	381
German	“	433	“ worship	Ag	248
Greek	Oa 1	483	Dominoes	Ix 2	795
history	Ue 1	903	Drainage	Ii 5, In 7, It 5	631, 614
Italian	Oa 2	453	Drama, general treatises	Oe	812
Latin	Oa 1	473	“ English	Oe 2	822
literature	Ya	803	“ French	Oe 3	842
medical	In	610	“ German	Oe 4	832
natural science	Ik	503	“ Greek	Oe 1	882
philology	Oa	403	“ Italian	Oe 5	852
philosophy	Ia 1	103	“ Latin	Oe 1	872
science	Ib	503	“ Parlor	Ix 12	792
sociology	Im 3	303	“ Spanish	Oe 6	862
Spanish	Oa 2	463	Dramatic amusements	Ix 2, Oe	792
theology	A	203	“ biography	Uz 1 Δ	927
useful arts	Iu	603	“ music	Is 7, Oe 7	782
Didactic theology	Al	241	Draughts	Ix 2	795
Die-making	Iu 4	736	Drawing	Is 1	740
Diet	In 7	613	Drawing-books	Is 1	741
Differential calculus	Io 1	517	Dreams	Ie 4	135
Digestion	In 1	612	Dress	Uf 9 +	646
Digests	Ef	343	“ making	Iu 17	646
Dining	Iu 15	643	Drives	Iu 12	713
Diphtheria	In 5	616	Driving	Ix 1	798
Diplomacy	Eb	327, 341	Drugs	In 2	615
Diplomatics	Yi 2	10, 21	Druids	Aq 3, Uf 7,	
Directories	Uc 7	910		Uo 4	299
Disasters at Sea	Ud 5	656	Duelling	Uh 4	177, 395,
Discipline, education	Ih	371			392
Discourses	Am, Oc	252-9	Dutch East Indies	Ux 3 Δ	915, 959
Diseases	In 3, In 5	616	“ language	Oa 2	439
Disinfection	In 7	614	“ painting	Is 10	753
Dispensaries	Ii 7	615	“ poetry	Od 4	831
Dispensatories	In 2	615	“ Reformed Church	A o 11 Δ	289
Dissection	In 1	611	“ Republic	Ut	949
Dissenters	A o 5, 6, 7, etc.	289, 283	Duties	Ig	170
Distillation	Iu 10 +	663	“ and customs	Ii 1, Ii 3	337
District of Columbia	Uy 7 viii	976	Dwarfs	Im	130
Divination	Ie	133	Dyeing	Iu 5	667
Diving and diving bells	Iv 2	627	Dynamical electricity	Ik 2	537
Divorce	El, Ig 2	343, 173	“ geology	Il 2	553

Ee 3





centimeters 10 9 8 7 6 5 4 3 2 1 0

inches 4 3 2 1 0

Don Williams

	1	2	3	4	5	6	7	8	9	10	11(A)	12	13	14	15	
L*	39.12	65.43	49.87	44.26	55.56	70.82	63.51	39.92	52.24	97.06	92.02	87.34	82.14	72.06	62.15	
a*	13.24	18.11	-4.34	-13.80	9.82	-33.43	34.26	11.81	48.55	-0.40	-0.60	-0.75	-1.06	-1.19	-1.07	
b*	15.07	18.72	-22.29	22.85	-24.49	-0.35	55.93	-46.07	18.51	1.13	0.23	0.21	0.43	0.28	0.19	
Density											0.04	0.09	0.15	0.22	0.36	0.51

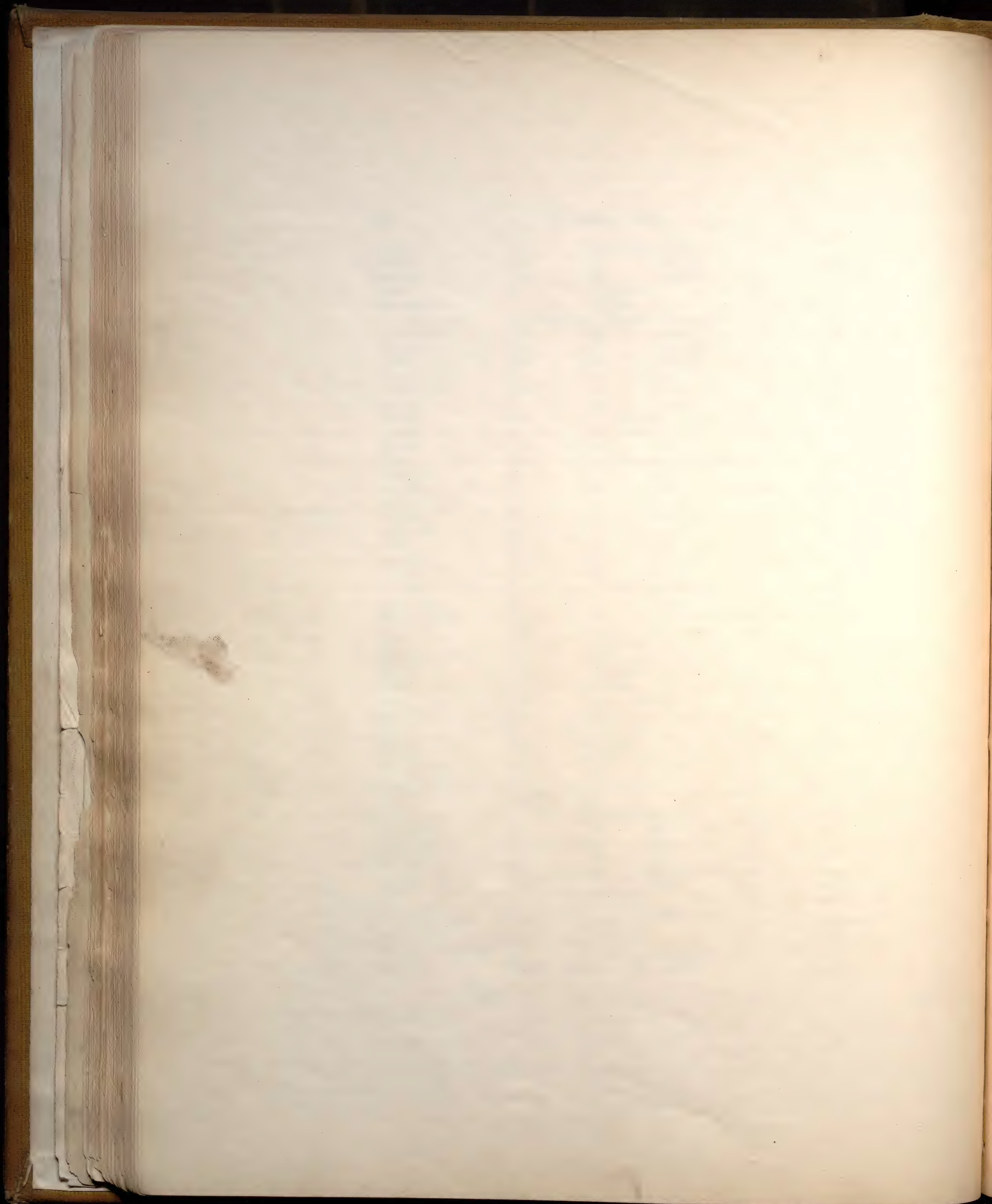
D50 Illuminant, 2 degree observer

	16(M)	17	18(B)	19	20	21	22	23	24	25	26	27	28	29	30
L*	49.25	38.62	28.86	16.19	8.29	3.44	31.41	72.46	72.05	29.37	54.91	43.96	82.74	52.79	50.87
a*	-0.16	-0.18	0.54	-0.05	-0.81	-0.23	20.98	-24.45	16.83	13.06	-38.91	52.00	3.45	49.49	24.45
b*	0.01	-0.04	0.60	0.73	0.19	0.49	-19.43	55.93	68.80	-49.49	30.01	81.29	-12.72	-29.46	-29.46
Density	0.75	0.98	1.24	1.67	2.04	2.42									

Colors by Munsell Color Services Lab

Golden Thread



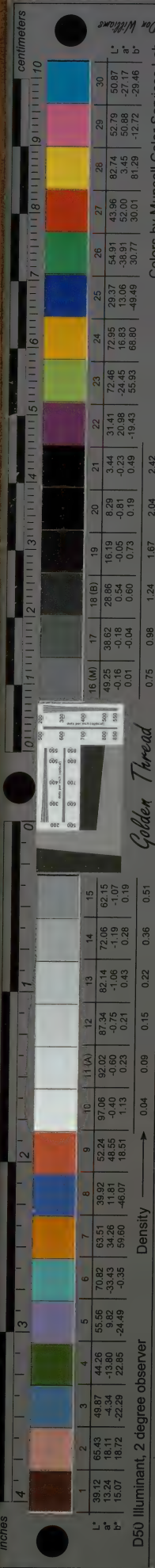




## ALPHABETICAL INDEX.

43

Dynamics	Ik	531	Elective franchise	Ii1, Uy6	324
Dysentery	In5	616	Electricity	Ik1	537
Dyspepsia	In5	616	“ applied	Ik2	537
<b>Ear</b> diseases	In5	616	Electro-magnetism	Ik1, 2	538
“ functions	Ir	612	Eleemosynary institutions	Ao15, Ii7	361
Early English Text Society	Om2+	820	Elementary education	Ih1	372
Early Greek philosophy	Ia1	182	Eleusinian mysteries	Aq2+	391, 292
Earth	Il2, Ub	551	Elgin marbles	Iy2	733
“ figure of	Ip	526	Elocution	Ob	815
Earthquakes	Il2	553	Eloquence	Ob	815
Easter	Ag	244	Emancipation	Ii4, Uy5	326
Eastern Churches	Ao1	281	Embalming	Iu17, Uf4	390
“ empire	Um2	949	Embargo	Eb, Uy4	346, 341
“ question	Ux1	949	Emblems	Og	219
“ States	Uy8	974	Embryology	In1, In4	576
East India Company	Ux3+	382	Emigration	Ii3, Up10	325
East Indies	Ud11, Ux3	954	Emperors, Roman	Um1	923, 937
“ Dutch	Ux3△	915, 959	Empirical psychology	Ia1, Ic	144
Eccentrics, lives of	Uz1	920	Empresses, Roman	Um1	923, 937
Ecclesiastical art	Is8		Enamel painting	Is2	751
“ history	Ao	270	Encaustic “	It6	751
“ law	Ed	348	Encyclopædias, general	Ib	30
“ polity	Al	262	Engineering	Ii5	620
“ trials	Ek4	348, 270	“ instruments	Io3, Ip	629
Echinoderms	Il6	593	“ military	Iw	623
Eclectic medicine	In3□	616	“ mining	Il4	628
“ philosophy	Ia, Ia1	199	“ railroad	Ii6	625
“ psychology	Ia, Ic	148	“ steam	Iq	621
Eclipses	Ip	523	“ topographical	Ii5	622
Economy, domestic	Iu17	640	England, geography	Uc2	914
“ political	Ii1	330	“ history	Up1	942
Ecuador	Ud13+, Uy11	989	“ travels	Ud9	914
Education	Ih	370	English army	Iw1, Up8	355, 942
“ element'y works	Ih1	372	“ Church	Ao3	283
“ fine arts	Is	707	“ dialects	Oa2	427
“ history	Ih2	907	“ dictionaries	Oa2	423
“ medical	In9	610	“ drama	Oe2	822
“ military	Ih2, Iw	355	“ etymology	Oa2	422
“ natural sciences	Ik	507	“ government	Ef3+, Up5	323
“ philology	Oa	407	“ grammar	Oa2	425
“ philosophy	Ia1	107	“ language	Oa2	420
“ science	Ih	507	“ literature	Yk2	820
“ self	Ih4	374	“ navy	Iv1, Up8	359, 942
“ useful arts	Iu	607	“ orthography	Oa2	421
Educational institutions	Ih2	378	“ painting	Is2	756
“ reports	Ih2	379	“ philology	Oa2	420
Egypt, ancient	Uf4	932	“ philosophy	Ia1	192
“ modern	Ud12+, Ux4	962	“ poetry	Od2	
Egyptian language	Uf4	492	“ prosody	Oa2, Od2	426
“ literature	Uf4, Yk6	892	“ sculpture	Is4	735
Election sermons	Am	256	“ synonyms	Oa2	424
Elections	Uy6	324	“ texts	Om2+	428



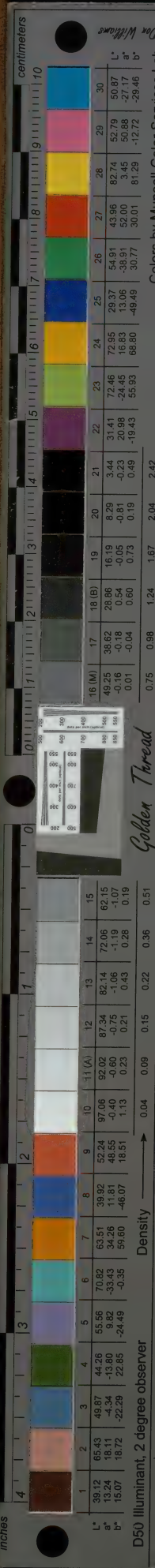


Engravers' lives	U z 1 $\Delta$	927	Essays, theology	A l	204
Engraving	I s 3	760	“ useful arts	I u	604
Enigmas	I x 2, O m	819, 829, 839, etc.	Etching	I s 3	767
Entertaining collections	O f 2 +, O g	310, 829, 839, etc.	Eternal punishment	A l, I e	237
Entertainments	I u 15, I x 2	791	Etherization	I n 3	617
Enthusiasm	A o 7, I c	137	Ethics	I g	170
Entomology	I l 6	595	“ legal	E a	170, 340
Entozoa	I l 6	595	“ medical	I n 3 +	170, 610
Ephemerides	I p 1	528, 525	Ethiopia	U d 12 +	966
Ephesians	A c 6	956, 938	Ethnography	U f 9	390
Ephesus	U f 6	956, 938	Ethnology	I m 2	572
Epics	O d	811, 821, 831, etc.	Etiquette	I g 3	177
“ Greek	O d 1	883	Etruria	U f 5	937
“ Latin	O d 1	873	Etymologies, comparative	O a	412
Epicurean philosophy	I a 1	187	“ English	O a 2	422
Epidemics	I n 5	614	“ French	O a 2	442
Epigrams	O d, O d 1, O d 2, 819, 829, 939, etc.		“ German	O a 2	432
Episcopal Church	A o 3	283	“ Greek	O a 1	482
Epistles, Bible	A c 6	227	“ Italian	O a 2	452
Epistolary writers	O h	928	“ Latin	O a 1	472
Epistolography	O h 1	816, 826, etc.	“ Spanish	O a 2	462
Epitaphs	U z 4	929	Eucharist	A g, A l 1	265
Equador	U d 13 +, U y 11	989	Eulogies	O c 1, U z	920, 259
Equestrian exercise	I x 1	798	Europe—botany	I l 1, I l 5	584
Equipments of armies	I w	355	customs and costumes	U f 9	394
“ of navies	I v	359	ecclesiastical history	A o	274
Equity	E e	344	geography	U b, U b 2	914
Erse language	O a 2, U p 2 +	496	geology	I l 3	554
“ poetry	O d 2 $\Delta$ , O d 6	896	history	U o	940
Eschatology	A l	236	statistics	U c	314
Esquimaux	I m 2, U d 3 +	979, 998	travels	U d 6	914
Essays, English literature	O m 2	824	Evidence (law)	E a	349
“ fine arts	I s	704	Evidences of Christianity	A f	239
“ French	O m 3	844	Evil	A l, I a, I e 3	216
“ German	O m 4	834	Evolution	I l 7	575
“ history	O m 5	854	Exchange	I i 2	332
“ Italian	O m 5	854	Exchequer	U p 5 +	352
“ literature	O m, Y k	804	Excise	I i 2	336
“ miscellaneous	O k, O m	804, 814, 824, etc.	Excise laws	I g 5, I i 2	337
“ natural science	I k	504	Exegesis	A e	220
“ philology	O a	404	Exemplaria typographica	Y g 2	020
“ philosophy	I a	104	Exhibitions, art	I s 6, I u 16	708
“ political	U p 6, U y 6	329	“ industrial	I u 16	606
“ science	I y, I z	504	Ex libris	Y i 4	027
“ sociology	I m 3	304	Exodus	A e, U f 4	222
“ Spanish	O m	864	Experimental Chemistry	I k 4	542
			Explorations	U d	910
			Explosives	I u 10, I w	662
			Expository sermons	A m	258
			Express companies	I i 6	385
			Exstatics	I e 3	135
			Extracts	O m, O p 2, U n	829

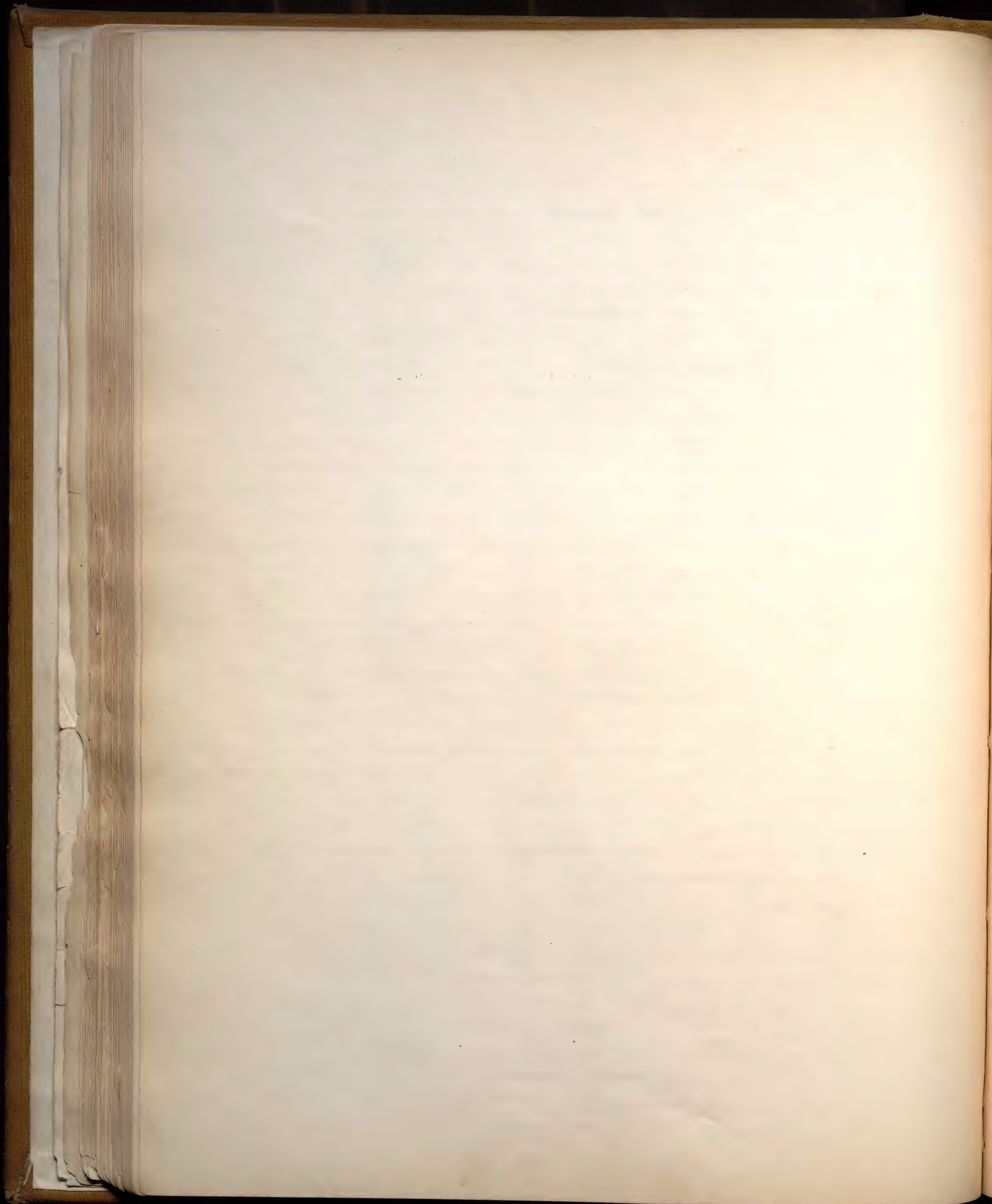
*See p. 53*

*Eunuchs In 1*









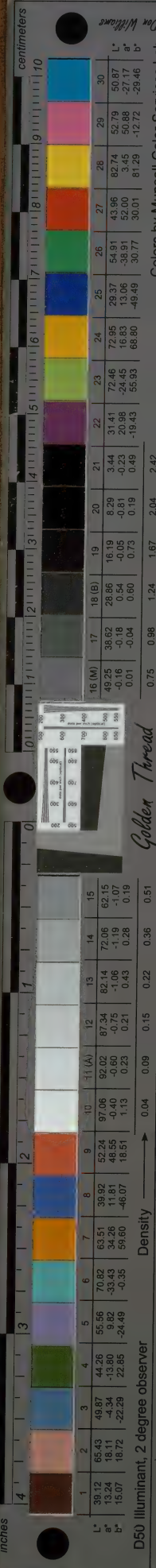


## ALPHABETICAL INDEX.

45

Extracts, historical	Un	904	Field books, engineering	Ii5	629
Eye, diseases	In5	616	Field sports	Ix1	796-799
“ functions	Ir	612	Figure of the earth	Ib	526
<b>Fables</b>	Of	819, 829, 839, etc.	Fiji	Ud3, Ux5	919
Facetiæ	Of	819, 829, 839, etc.	Filibusters	Uy13	363, 345, 978
Fairs, agricultural	Iu11△	630, 606	Final causes	Ia	113
“ commercial	Ii3△		Finances	Ii2, Up5+, Uy7△	330
“ industrial	Iu16	606	Fine arts	Is	700
Fairy tales	Of7	813, 823, 833, etc.	biography of finger rings	Uz1△ It6+ Im2	927 390
Faith	Al	234, 163	Finland	Ur2	947
Faith and reason	Af1	234	Finno-Hungarian language	Oa2	499
Family	Ig2	173	Fire arms	Iw	355, 683
“ histories	Uh2	929	“ departments	Uy8	369
“ histories, American	Uh2+	929	“ engines	It5	621
“ medicine	In2	616	“ insurance	Io4+	368
“ worship	Ah	247	“ works	Ix1	662
Fanaticism	Al, Ao	133	“ worshippers	Aq5	295
Farces	Oe2	828, 838, etc., 791	Fish culture	Iu11□	639
Farming	Iu11	630	Fisheries, sea	Iv3	639
Farriery	Iu13	682	Fishes	Il6	597
Farther India	Ud11	915, 954	“ palæontology	Il2	567
Far West	Uy2+	917, 977	Fishing	Ix1	799
Fashion	Uf9	177	Flagellants	Ao15+	271
Fasti	Ul, Um, etc.	S	Flags	Uy8h	929
Fasts	Ag	244	Flanders	Ut	949
Fatalism	Ia	159	Flax	Iu5	633, 677
Fathers of the Church	Ak	270	Flemish painting	Is10, Uz1△	753
Fauna	Il1	590	Flies	Il6	595
Feasts	Ag, Iu15	244	Flora	Il5	584-589
Federalism	Uy6	324	Florence	Uu5	945
Federalist (the book)	Uy6+	324	Florida	Uy8	976
Feet	In1, Iu8	611, 811, 389	Flower garden	Iu12	716, 583
Female education	Ih	376	Flowers	Il5	580
“ employments	Ig2	376	Fluxions	Io1	517
“ seminaries	Ih2	378	Folk-lore	Of7	291-293
“ suffrage	Ig2	324	Food	In7, Iu15	643
Fencing	Ix1	766	Force	Ik1	111
Fermentation	Ik4, Iu10+	663	Foreign missions	Ao15	267
Ferns	Il5	582	“ relations	Uy7iv	327
Festivals, Church	Ag	282, 283	“ trade	Ii3, Uy7△	382
Fetichism	Aq	299	Forestry	Iu12	715
Feudal institutions	Ed, Uh	322	Forgery	Uh	345
Feudal law	Ed	322	Formation of character	Ih4	374
Fevers	In5	616	Form books	Ea	349
Fichte, philosophy of	Ia1	193	Formosa	Ud11	951
Fiction	Of, Of1, 2, 3, 4		Fortification	Iw	623
	813, 823, 833, 843, etc.		Fortune-telling	Ie2	133
			Fossil man	Uf1	571
			Fossils	Il2	560
			Foundries	Iu3	671

/ nine proofs 9+5





Foundling hospitals	Ii 7	361	Gas-fitting	It 5	696
Fountains	Iu 12	714	" lighting	It 5	665, 644
Fourierism	Ia, Ia 1	335	" making	It 5	665
Fowling	Ix 1	799	Gastronomy	Iu 15	641
Fowls	Iu 13	636	Gauging	Iu 10 +	389
Fractures	In 4	617	Gazetteers	Ub	910
France	Ud 8, Uv	944	Gem engraving	Is 3, It 6	736
Franchise	Ii, Up 6, Uy 6	324	Gems	Il 4, It 6	549
Franciscans	Ao 15 +	271	Genealogy	Uh	929
Franconia	Us	943	Generation, Spontaneous	It 7	577
Franco-Prussian war	Uv 7	943, 944	Genesis	Ac 3, Af 1	222
Fraud	Eh	345	Genoa	Uc, Uu 5	945
Freedmen	Uy 5	326	Geodesy	Io 2	526
Free-hand drawing	Is 1	741	Geography	Ub	910
Freemasonry	Ui	366	" Africa	Ub, Ub 4	916
Free trade	Ii 1	337	" ancient	Ub, Ub 1 +	912
Freewill	Ic	159	" Asia	Ub, Ub 3	915
French biography	Uz 2	920-9 8	" biblical	Ad	220, 912
" drama	Oe 3	842	" Europe	Ub, Ub 2	914
" fiction	Of 3	843	" historical	Ua, Ub 1 +	911
" language	Oa 2	440	" modern	Ub	913
" " old	Oa 2, Od 3 +	449	" N. America	Ub, Ub 5, 6,	917
" literature	Od 3, Oe 3, Oi 3	840	" physical	Ub 11	551
" painting	Is 2	754	" S. America	Ub, Ub 5	918
" philosophy	Ia 1	194	Geological reports	Il 3	554-9
" poetry	Od 3	841	Geology	Il 2	550
" Republic	Uv 8	944	" and religion	Af 1	215
" revolution	Uv 2	944	" dynamical	Il 2	553
" sculpture	Is 4	735	Geometry	Io 2	513
Fresco painting	It 6	751	" analytical	Io 2	516
Friction	Iq	531	Georgia	Ud 11, Uy 8	959, 976
Friendly societies	Ii 7	366	German drama	Oe 4	832
Friends, Society of	Ao 10	289	" empire, new	Us 3	914, 943
Friendship	Ig 1	157	" fiction	Of 4	833
Fruit culture	Iu 11 +	634	" language	Oa 2	430
Fuel	Il 4 +, It 5	644	" " low	Oa 2	439
Funds and funding	Ii 2	336	" literature	Oi 4, Yk 4	830
Funeral rites	Uf 9	390	" painting	Is 2	753
Funeral sermons	Oe 1, Uz	259	" philosophy	Ia 1	193
Funerals	Uf 9	390	" poetry	Od 4	831
Furniture	It 6	645	" reformation	Ao 11 +	274, 943
Future life	Al, Ie	218	" Reformed Church	Ao 11 +	289
Gaelic language	Oa 2	496	Germany	Ud 7, Us	943
Galleries of art	Is 6	708	Ghosts	Ie 3	133
Galvanism	Ik 1	537	Giants	Im	573
Gambling	Il 6, Ix 2	175	Gipsies	Uk	949
Game laws	Eh	345	Girondists	Uv 2	363, 944
Games	Ix, Ix 1	793-7	Glaciers	Il 2	553
" table and parlor	Ix 2	793	Glass	Iu 9	666
Gardening	Iu 11	635	" painting	Is 2	751
" Landscape	Iu 12	710			
Gases	Ik 4	546, 665			

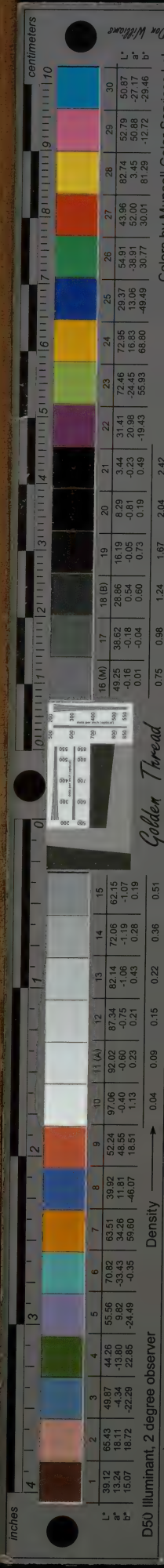
*Fourth July oration, German*  
*Uy 3*

*Yk 3*

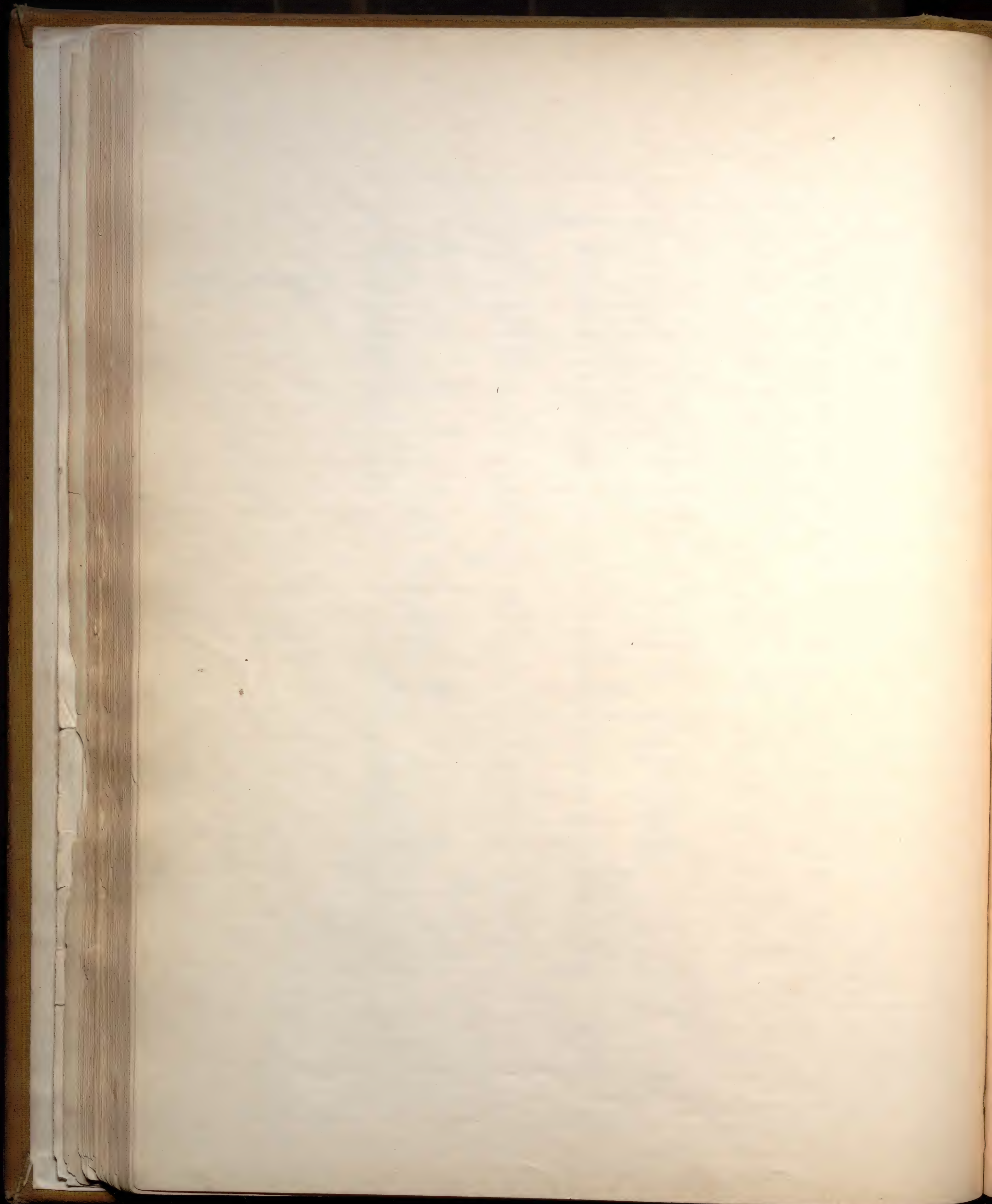
*g/*

*Geological maps*







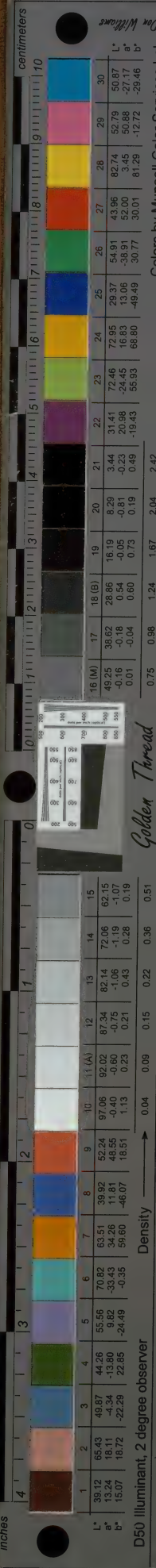




## ALPHABETICAL INDEX.

47

Glazing	Iu 10	698	Greek, modern	O a 1, U 1 i	489
Glees	Od 2 +	784	" mythology	A q 2	292
Globes, use of	Ip	522	" philosophy	I a, I a 1	180, 888
Glossaries	O a 2	413, 423, 433, etc.	Greenhouses	I u 12	583, 635
Gloves	U f 9	646, 675, 677	Greenland	U y 12	998
Gnostics	A o 16	281	Grounds, private	I u 12	712
God	A b	231	Groves	I u 12	715
Gold	I i 2	549, 671	Guatemala	U y 10,	
Goniometry	I o 2	514	Guiana	U d 13 Δ	979
Good-Friday	Ag	244	Guide books	U y 11 □	988
Gospels	A c 6, Ad 1	226	Guilds	U c 1	910
" harmony of	Ad	226	Guillotine	I i 3 Δ	367
Gothic architecture	I t 1	723	Guinea	U 12	345
Goths	U o 1	943	Gun cotton	U d 12 vi, U x 10	967
Gout	In 5	616	Gunnery	I u 10	355, 662
Government	I i	320	Gunpowder	I w	355
Grace	Al	234	Gunsmithery	I u 10, I w	355, 662
Grafting	I u 11 +	634	Gutta percha	I u 3	683
Grains	I u 11	633	Gymnastics	I u 8	679
Grammars, comparative	O a	415	Gypsies	I x 1	613
" English	O a 2	425	Gynæcology	U k	949
" French	O a 2	445	<b>Habeas corpus</b>	In 4	618
" German	O a 2	435	Hades	E f	343
" Greek	O a 1	485	Hair	Al, A o 8	292
" Italian	O a 2	455	Hakluyt society	In 1, I u 17	611, 390
" Latin	O a 1	475	Hallucinations	U d 1	910
" Spanish	O a 2	465	Hamiltonian philosophy	I e 3	133
Granada	U x 6 +, U w	946	Hand	I a 1	192
Grangers	U y 6	363	Handbooks of travel	In 1	611
Grape culture	I u 11 +	634	Happiness	U c 1	S, 910
Grasses	I l 5	633	Harbors	I g 1	171
" ornamental	I u 12	716, 583	Harmony, music	U b 10	627
Gravel (disease)	In 5	616	" of colors	I s 7	781
Grave-stones	U z 4	718	" of gospels	I s 2	752, 535
" yards	I u 12, U y 9	719	Harness-making	Ad	226
Gravitation	I k 1	531	Harpsichord	I u 8	685
Great Britain	U c 2, 3, 4,		Hasheesh	I s 7 vi	787
	U d 9, U p 6	941-2	Hats	In 2 +	615
Greece, ancient	U f 6, U 1	938	Hayti	I u 10	646
" modern	U d 10, U 1 i	949	Health	I u 10, U x 5	646
" poetry	Od 1	881	" public	U y 9 iv	917, 979
" sculpture	I s 4	733	" resorts	In 7	613
" translations	Od 1, O e 1, etc.	880		In 7	614
" travels	U d 10	914	Heart diseases	I l 2 + In 3 Δ,	
Greek antiquities	U f 6	938	Heat	U c 1	613, 910
" architecture	I t, U f 6	722	Heathen religions	In 5	616
" Church	A o 1	281	Heating	I k 1	536
" commentaries	A e, O i 1	488	Heaven	A q	290
" drama	O e 1	882	Hebrew history	I t 5	697
" language	O a 1	480	" language	Al	237
" literature	O i 1, Y k 1	880	" literature	A n	933
				O a 2	493
				An	893

*Harleian Society Lib 2*



Hebrew poetry	An	893	History—	Oa	409
Hebrides	Uc2△, Up2	941	philology	Ia1	109
Hedges	Iu11, 12	715	philosophy	Ua	901
Hegelian philosophy	Ia1	193	philosophy of	Ik	509
Heliotypes	Is5	774	science	Im3	309
Hell	Al, Ao8	237	sociology	Ao16	209
Heraclitic philosophy	Ia1	182	theology	Ue	909
Heraldry	Uh1	929	universal	Iu	609
Herbariums	Il5	582	useful arts	<del>Ae</del> Oe	792
Herculaneum	Uf6+	646	Histrionics	Ud7, Ut	914, 949
Heresies	Ao16	273	Holland	Ub	914
Hermaphrodites	In1	590, 612	Holland: geography	Ut	949
Hermeneutics	Ae	220	history	Ud7	914
Hermetics	Ie	133	travels	Al	878
Herpetology	Ii6	598	Holy Ghost	Ud10+	933, 956
Herzegovina	Ud10, Ux1	* 81	Holy Land	Ud10+	588
Hieroglyphics	Uf4	419	geography	Ud10+	959
Higher education	Ih	373	history	Ud10+	915
Highlands, Scottish	Is6□, Od2△, Ue2△, Up2	914	travels	Us2	927
Highwaymen	Uz1	345	Holy Roman Empire	Ih4	371, 374
Himalayas	Ud11	915	Home education	Ao15	266
Hindoo languages	Oa2	494	" missions	Od1+	883
" literature	Aq4, Yk6	894	Homer	Eh	345
Hindustan	Ux3	915, 954	Homicide	<del>Ae</del> Am	251
Hinduism	Aq4	294	Homiletics	In3□	615
Hindustan	Ud11, Ux3, Uf3	915, 954	Homoeopathy	In1, Io2	574
Histology	In1	611	Homologies	Iu14,	638
Historical books of Bible	Ac	222	Honey	Iu13	636
" charts & tables	Ua	908	Horned cattle	Iu6	681
" collaterals	Un	S, 310	Horology	Iu13, Ix1	636, 599, 337, 619
" dictionaries	Ue1	903	Horse	Ix1	798
" extracts	Un	S	Horse-racing	Iu13	682
" geography	Ub	911	" shoeing	Ix1	798
" magazines	Oo	905	Horsemanship	Am	243
" registers	Oo	902	Hortatory theology	Iu11△	635, 716
" societies	Uy8	906	Horticultural societies	Iu12	635
" theology	Ao16	851-4	Horticulture	Ii7, In8	361
HISTORY	U	900	Hospitals	Ue1	390
ancient	Ue	930-939	Hotels	Iu12	583, 635
biography of	Uz1	928	Hothouses	Iu17	640
Continental	Uo	940	Housekeeping	Eh	364
ecclesiastical	Ao	270	House of Correction	Eh	364
fine arts	Is10	709	House of Refuge	It6	698
geography	Ub	910	House painting	Uh2	323, 322
Greek	U1	889	Houses, royal and noble	Iu17	640
Latin	Um	879	Housewifery	Uy7viii	919, 995
literature	Yk	809	Hudson's Bay territory	Ao11□	289, 944
modern	Uo	940-999	Huguenots	Af	239
natural sciences	Ik	509	Hulsean lectures	In1	611
			Human anatomy	In1	611
			Human body		

Heridity Im1

Hibbert Lectures, Ag1

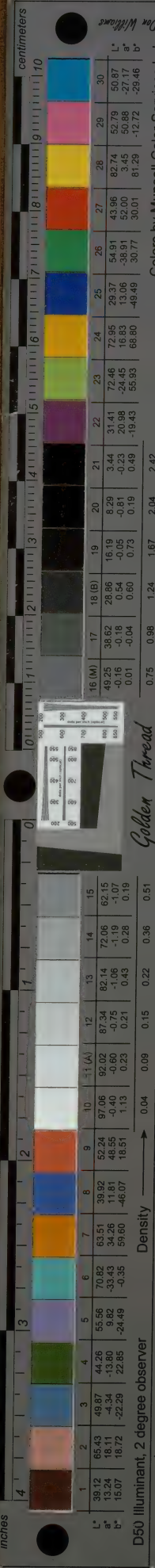
Hittite Empire  
1918



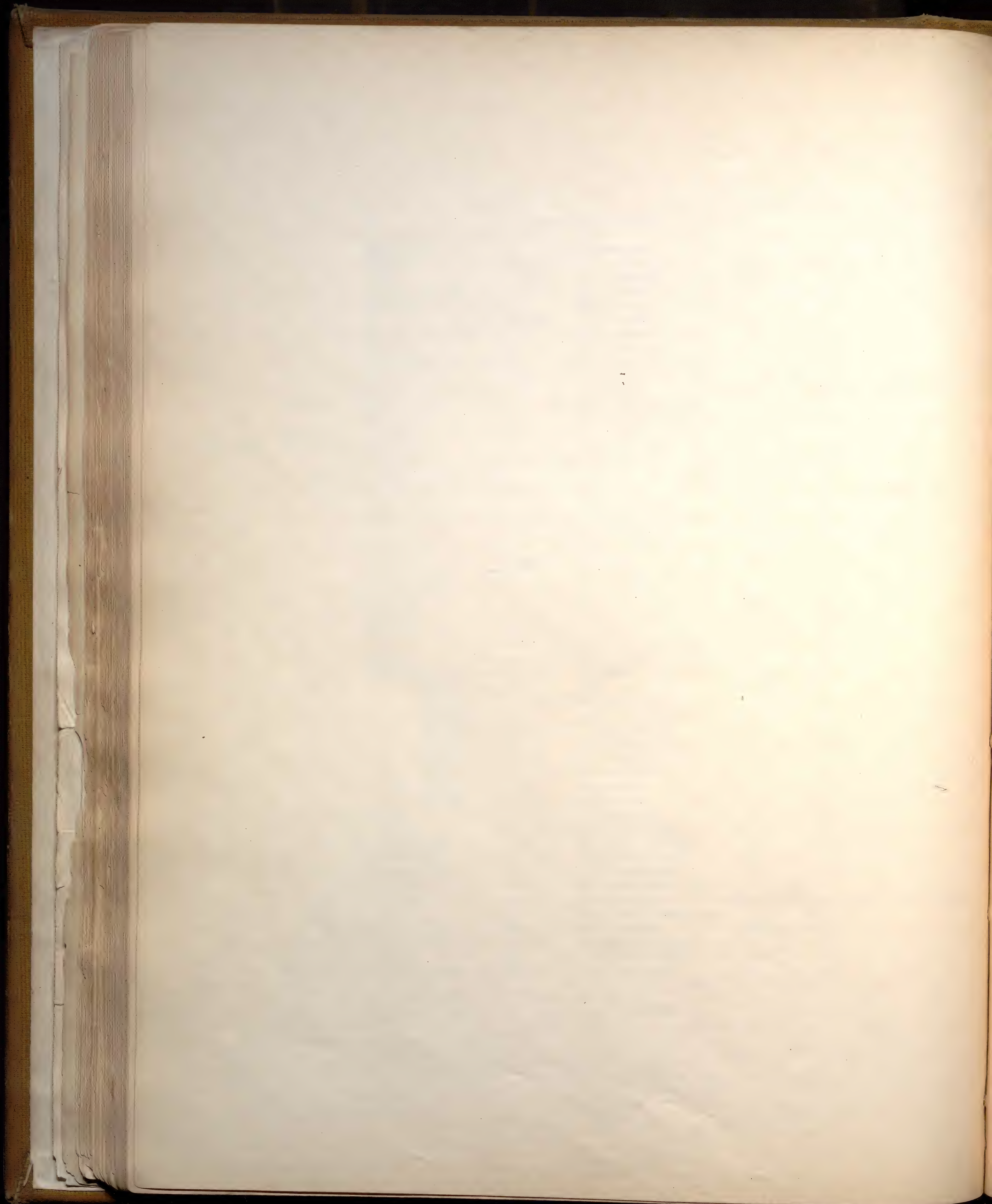
Holstein Locust Is3

Homer Oct 1 +

Hudson River N.Y. 8 N.Y.







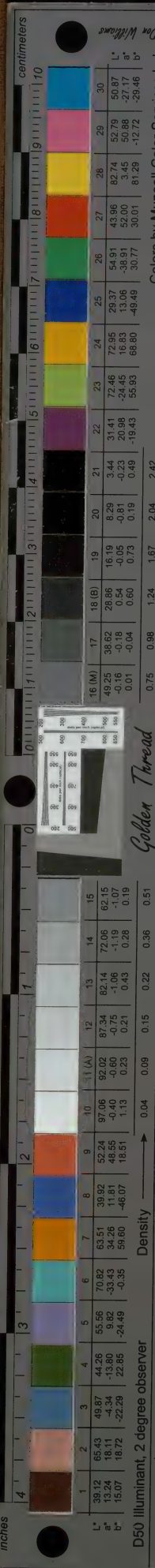


Wit and humor Of 1

ALPHABETICAL INDEX.

49

Human body and mind	In 8	130	Independents	A o 5	289 or 285
mind	Ic	150	Indexes	Om 6	17
physiology	In 1	612	India, ancient history	U x 3	934
Humane societies	Ii 7	361	“ modern “	U x 3 +	954
Humor	Of 1 -	818	India, British	U x 3 +	915, 654
English	Of 2	828	Indian languages	O a 2	494
French	Of 3	848	“ literature	Y k 6	894
German	Of 4 -	837	Indiana	U y 8	977
Greek	Of 1	887	Indian Bureau	U y 1	353
Italian	Of 5	858	Indians, American	Im 2, Uf 8,	
Spanish	Of 6	868		U y 1	970
Hungary	Ud 7, Us 1	914, 943	“ “ language	O a 2	499
Hunting	I x 1	799	“ ethnology	Im 2, U y 1	572
Hurricanes	I k 3	533	India-rubber	I u 8	675
Husbandry	I u 13	630	Indigestion	In 5	616
Hybridism	I l 7	590	Indoor amusements	I x 2	793
Hydraulic engineering	I i 5	628	Induction	I a	161
Hydraulics	I q	532	Inductive logic	I f	161
Hydrodynamics	I q	532	Industrial drawing	I s 1	744
Hydrography	U b 10	551, 627, 527	“ schools	I h 2	607
Hydromechanics	I q	532	Industrial exhibitions	I u 16	606
Hydropathy	In 3 □	615	history	I u	609
Hydrophobia	In 5	614, 616	Inebriate institutions	I i 7	364
Hydrostatics	I q	532	Infallibility	Al 1 +	238, 282
Hygiene	In 7	613	Infanticide	E i	173, 345
“ mental	In 8	131	Infantry	I w	356
Hymnology	A i	245	Infidel books	A f	211
Hypochondria	In 5, In 8	132, 616	Infidelity	A f	211
<b>Icebergs</b>	Ud 3 +	553	Ink	Y g	661
Iceland	U r 1	948	Inoculation	In 5	614, 615
Icelandic language	O a 2	498	Inorganic chemistry	I k 4	546
Icelandic literature	Y k 4	898	Inquisition	A o 12	272
“ poetry	Od 6	898	Insane Hospitals	In 8	361
Ichthyology	I l 6	597	Insanity	In 8	132
Iconography	I s 4	732	Inscriptions	U f	417
“ Christian	I s 8	730	Insects	I l 6	595
Idealistic psychology	I c	141	“ injurious	I u 11 iv	632
Idiocy	In 8	132	Inspiration	Al 3	238
Idiot schools	In 8	361	Instinct	I l 6	158
Idolatry	A q	290	Institute of France	I y 3	64
Illinois	U y 8	977	Institutions	I i	360
Illuminated manuscripts	Y i 2	21	“ educational	I h 2	378
Illumination (lighting)	I t 5	644	“ Feudal	Ed, U o 1	322
Illustrated journals	I s 6 +	705	“ Monarchic	I i	323
Imagination	I c	156	“ Musical	I s 7	789
Immersion	A o 6	264, 286	“ of religion	A	260
Immigration	I i 3	325	“ Patriarchal	A n	321
Immortality	Al, Ie	218, 237	“ Republican	I i	324
Imprisonment for debt	E h	345	Instruction	I h	371
Incarnation	Al	232	Instrumental music	I s 7	785
Income	I i 2	333	Instruments, engineering	I o 3	629
Incunabula	Y i 3	23	“ making	I o 5, I u	681





*Insurance, Law of, &c 2*

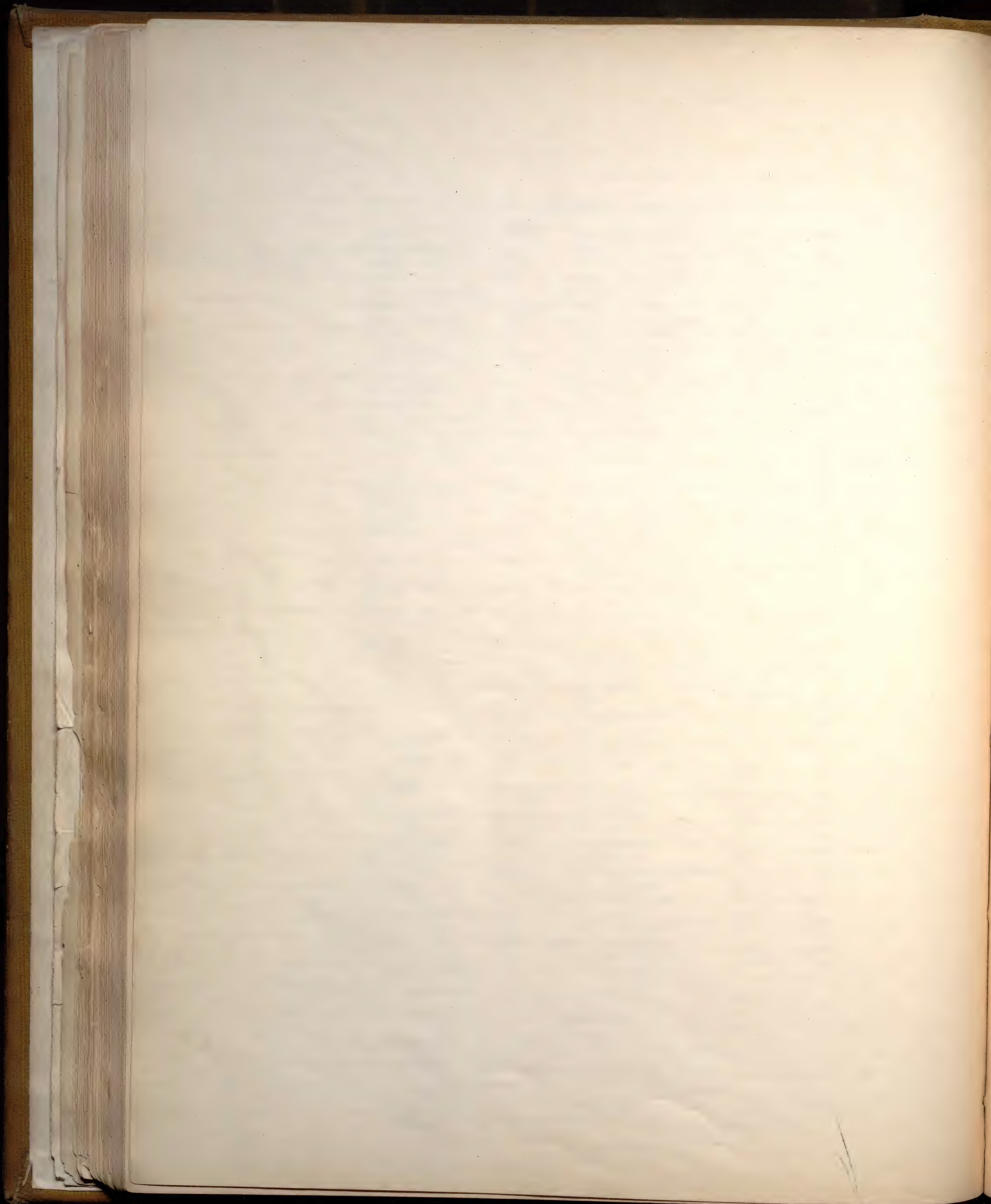
Insurance	I o 4 +	368	Italian drama	O e 5	852
Insurance companies	I o 4 +	368	" fiction	O f 5	853
Integral calculus	I o 1	517	" language	O a 2	450
Intellect	I e	151	" literature	O i 5, Y k 5	850
Intellectual philosophy	I e	140-150	" music	I s 7 Δ	780
Intemperance	I g 5, I n 2 +	178	" painting	I s 10	755
Intercommunication	I i 5	380, 650	" philosophy	I a 1	195
Interest	I i 2	334	" poetry	O d 5	851
" tables	I i 2	658	" renaissance	U o 1, U u	945
Interior Department	U y 7 vi	353	" republics	U u 5	945
Intermarriage	I g 2	136, 618	" sculpture	I s 4	734, 735
Intermediate state	A l	237	Italy	U b	S
Interment	U f 9	614, 390	history	U u	945
Internal improvements	I i 5	620	travels	U d 8	914
International copyright	E m	343	<b>Jacobins</b>	U v 2	363, 944
International exhibitions	I u 16	600	Jainism	A q 4	294
" law	E b	341	Jamaica	U y 9 □	979
Intolerance	A a	272	Jansenism	A o 2 +	282
Intuitive psychology	I e	143	Japan	<del>U x 2</del>	952
Inventions	I u	608	Japanese art	I s	S
Inventors, lives of	I u, U z /	926	language	O a 2	499
Invertebrates	I l 6	592	literature	O a 2, Y k 6	899
" palæontology	I l 2	562	Japanning	I u 9	698
Investments	I i 2	333	Java	U x 3 Δ	992
Ionian Islands	U l 1	949	Jerusalem	U d 10 Δ	915, 956,
Ionic philosophy	I a 1	182			933
Iowa	U y 8	977	Jests	O f	819, 829,
Iranian languages	O a	495			839, etc.
" literature	Y k 6	895	Jesuit missions	A o 15 Δ,	
Ireland	U c 2 +, U d 9,			U y 9 +	266, 282
	U p 4	941	Jesuits	A o 15 Δ	271, 282
Ireland, geography	U b, U c 2 +	914	Jesus	A d, A l	232
history	U p 4	941	Jewelry	<i>It 6 +,</i> I t 6, I u 10,	
travels	U d 9	914		U f 9	646, 671
Irish bards	U p 4 +	928, 821	Jewish antiquities	A n	933
" church	A o 2, 3	283	literature	A n	803
" language	O a 2	496	philosophy	A n	180, 181
" literature	Y k 6	896, 820	religion	A c 3, A n	281
" music	I s 7	780	Jews, ancient	A d	933
" poetry	O d, U p 4 +	896	history	A n	933
Iron	I l 4 +	672	medieval	A n, U o 1	956
" architecture	I t, I u 3	691	modern	A n	956
" bridges	I i 5, I u 3	624	Joinery	I t 4	694
" manufacture	I u 3	672	Journalism	O p 1	50
" metallurgy	I u 3	672	Judaism	A n	296
" mineral	I l 4 +	549, 669	Judgment and future state	A l	237
" ships	I v	699	Junius letters	U p 6 +	329
Iron-clad ships	I v	359, 699	JURISPRUDENCE	E	340
Irrigation	I u 11	631	Jury trial	E e	342
Islam	A p	297	Justification	A l	234
Isle of Man	U c 3	914, 942	Joan of Arc	U v 1 +	944
Israelites	A n	933	John, epistles of	A c 6, A e	227

*U x 2 +*











jury, trial by 825

# ALPHABETICAL INDEX.

51

John, gospel of	Ac 5, Ae	226	Latin, medieval	Oa 1	479
"    revelation of	Ac 5, Ae	228	"    poets	Od 1	871
Journeys round the world	Ud 3	910	Laundry	Iu 17	648
Judges, lives of	Uz 1	923	Law	E	340
Jugglery	Ix 2	133	ancient	Ed	340
Jurisprudence, medical	Ei	343	canon	Ed	348
Juvenile books	Of 2	S	civil	Ed	348
criminals	Eh	345, 364, 296, 391, 893	commercial	Ee 2	343
<b>Kabbala</b>	An	705	common	Ee	343
Kafirs	Ud 12, Ux 11	968	constitutional	Ef	342
Kaleidoscope	Ir 1	536	criminal	Eh 2	345
Kamschatka	Ud 11, Uq 2	915, 959	dictionaries	Ea 1	340
Kansas	Uy 8	977	English	Ef 3	340
Kant's philosophy	Ia	193, 142	French	Ef 4	340
Keltic, ancient history	Uo 4	936	history of	Ea	340
"    language	Oa 2	496	maritime	Eb	346
"    literature	Yk 6	896	mercantile	Ee 2	343
Kentucky	Uy 8	976	military	En	347
Kindergarten	Ih	372	of nations	Eb	341
Kinematics	Iq	531	of real property	Ee 1	343
Knighthood	Uh 3	322	of U. S.	Ef 1	340
Kings	Uz note	923	Roman	Ed	348
Kitchen economy	Iu 15	640	Lawns	Iu 12	712
gardening	Iu 11	635	Lawyers' lives	Uz, Uz 1	923
middens	Uf 1	322	Lazarettos	Ii 7	361
Knighthood	Uk 3		Lead	Iu 4	549, 671
Koran	Ap 2	297	metallurgy of	Iu 4	669, 671
<b>Labor</b>	Ii 1	331	mining	Ii 4	628
Labor questions	Ii 1	331	Leather	Ii 8	675
Laboring classes	Ii 1	331	Lectures	Oc, etc.	815, 825, 835, etc.
Labrador	Uy 12	972	Legends	Of	291-293
Lace-making	Iu 5	677	Legerdemain	Ix 2	133
Laconics	Om		Legislation	Ef	343, 328
Lake dwellings	Uf 1	571	Legislative annals	Uy 7, etc.	328
"    surveys	Ub 10	622, 656	Legitimacy	Ee 3	343
Lakes, artificial	Iu 12	714	Lent	Ag	244
Lamaism	Aq 4	294	Lepidoptera	Ii 6	595
Land surveying	Io 2	622	Letter writing	Oh 1	816
Landlord and tenant	Ee 1	333	Lettering, ornamental	Yg 4	145
Landscape gardening	Iu 12	710	Letters	Oh	816
"    painting	Is 2	758	alphabetical	Oa	411, 421, etc.
"    photographs	Is 5	778	(correspondence)	Oh	816
Language, universal	Oa	408	Levant	Ud 10	956, 962
Lapland	Ur 2	947, 948	Levelling	Ii 5	622
Late war (1812)	Uy 4	973	Leviticus	Ac 3	222
Latin Church	Ao 2	282	Lexicography	Oa	403, 413
"    classics	Oir +	870	Lexicons	Oa 1, 2	413, 423, 433, etc.
"    language	Oa 1	470	Libel	Ee	345
"    literary history	Yk 1	470	Liberia	Ii 4 +	916, 969
"    literature	Odi, Oir, etc.	870	Liberty	Ii	324

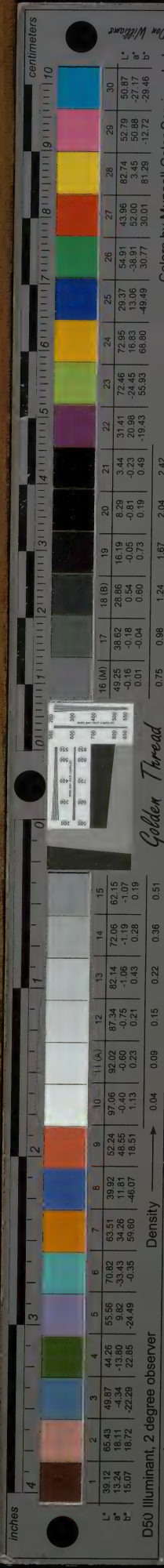
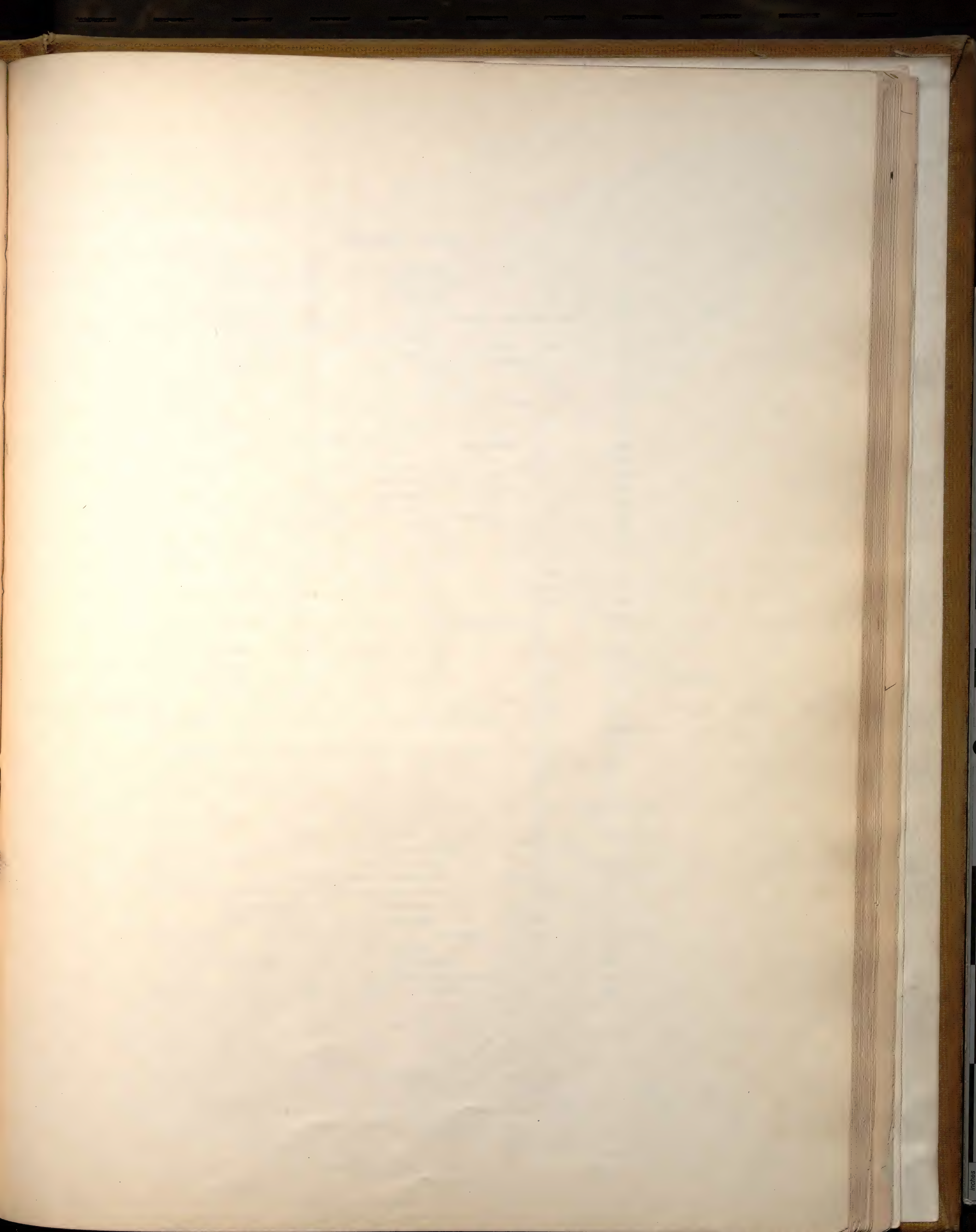
Law Officially VI



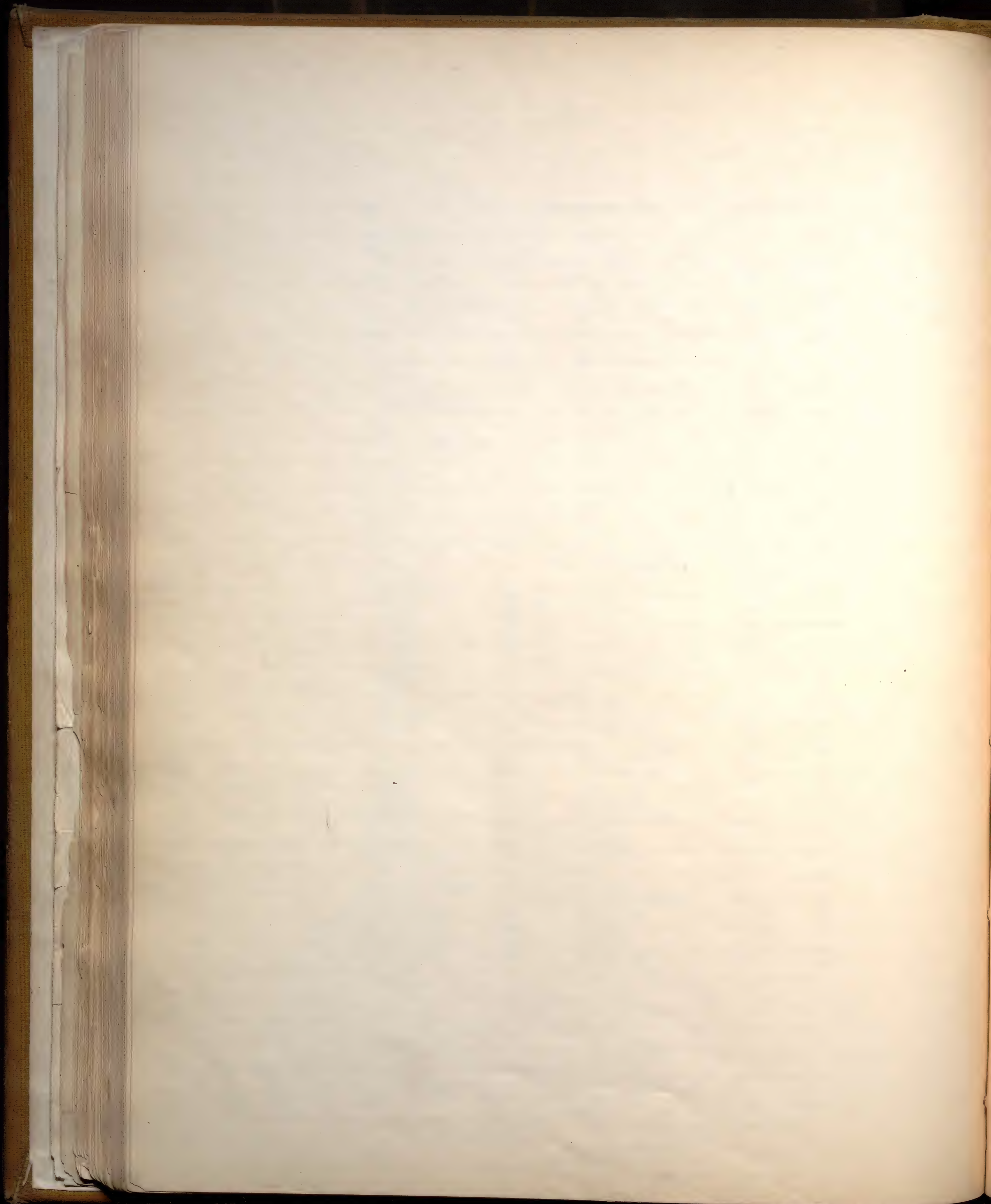


Liberty of press	Ee	324	Logic	If	160
Libraries	Y, d, e, f	19	Lollards	Ao 15 +	289
"    sales of	Ye	17, 18, 19	London	Uc 3 +	914, 942
Library catalogues	Y d, e	17, 18	Longevity	In 7	312
"    economy	Y f	19	Lord's day	An 1	263
"    history and reports	Y f	19	"    Prayer	Ah	217
Librettos, opera	Oe 7	782	"    Supper	Ag	265
Lichens	Il 5	582	Lorraine	Us, Uv	943, 944
Life	Il 7	570	Lotteries	Ig 6	175
"    boats	Ud 5	699	Louis Philippe	Uv 4	923
"    future	Al, Ie	218, 237	Louisiana	Uy 8	976
"    insurance	Io 4 +	368	Low countries	Ut	949
"    (physiologically)	Il 7	570	"    Dutch	Oa 2	439
Light	Ir	535	Loyalists	Uy 3 +	973
Lighthouses and ships	Ub 10	656, 627	Luke	Ac 6	226
Lightning and light'g-rods	Ik 3, It 5	537	Lunacy	In 8	132
Lights and fuel	It 5	644	Lunatic asylums	In 8	361
Line engraving	Is 3	765	Lung diseases	In 5	616
Linen manufacture	Iu 5	677	Lutherans	Ao 11 +	289
Linguistics	Oa	400	Lyric poetry	Od	811, 821, 831, etc.
Liquors	Ig 5, Iu 10 +	663	"    "    Greek	Od 1	884
Litany	Ag 1, 2	244	"    "    Latin	Od 1	874
Literary criticism	Ob	824, 834, 844, etc.	<b>Mabinogion</b>	Of 7	
periodicals	On	805	Macaronics	Od 7	819, 829, etc.
miscellanies	Od	819	Machine engraving	Is 3	768
English	Od 2	829	Machinery	Iq	621
French	Od 3	849	Machines	Iq	621
German	Od 4	839	Madagascar	Ux 3	969
Italian	Od 5	859	Madeira	Ud 8 +	914
Spanish	Od 6	869	Madness	In 8	132
property	Em	343	Magazines	On	50, 105, 205, etc.
Literature	O	800	Magic	Ie, Ix 2	133
ancient	Yk 1	870, 899	Magnetic observations	Ik 3	538
biography of	Uz, Yk	928	Magnetism	Ik 1	538
classical	Od 1, Oe 1, etc. Yk 1	870, 880, 488-498	"    animal	Ie 4	134
history of	Yk	809	Magyar language	Oa 2	497
medieval	Yk 6	S	literature	Yk 6	897
modern	Yk	S	poetry	Od 6	897
oriental	Yk 6	890	Magyars	Us 1	943
Lithography	Is 3	763	Mahometanism	Ap	297
Lithology	Il 4	552	Mails	Il 3 +	383
Liturgies	Ag	444	Maine	Uy 8	974
Local histories, American	Uy 8, Uy 9 +	976, 980	Malacca	Ud 11, Ux 3	901, 919
"    "    British	Uc 3	941, 942	Malaria	In 6	614
Locke	Ic	192, 145	Malayan language	Oa 2	499
Locks and keys	Iu 10	683	Malaysia	Ux 3	991
Locomotives	Ii 6	621	Malt	Iu 10 +	663
Logarithms	Io 3	514	Malta	Uh 3 +	949
"    tables	Io 3	514	Mamelukes	Ux 1	962







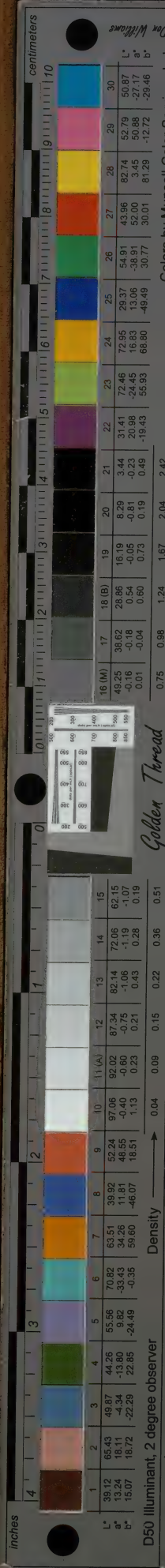




## ALPHABETICAL INDEX.

53

Mammalia	I l 6	599	Mauritius	U x 3 □	
“ palæontology	I l 2	569	Mausoleums	I s 4, U f 9	718
Man	I m	233	Maxims	O g	819, 829, 839,
“ antiquity of	U f 1	571	<i>Maya language and literature</i>		etc.
“ ethnography	I m 2	390	Measles	I n 5	616
“ mental nature of	I c	130, 150	Measures and weights	I i 3	389
“ natural history of	I m	573	Mechanic arts and trades	I u	680
“ physiology of	I n 1	612	“ dictionaries	I u	603
Mania	I n 8	132	“ exhibitions	I u 16	606
Maniacs	I n 8	132	“ periodicals and transac-		
Manitoba	U y 9 viii	917, 971	“ tions	I u	605
Manners and customs	U f 9	390	Mechanical drawing	I s 1	744
Manuals, collectors'	I l, I s, U g, etc.	579	“ engineering	I q	621
“ travellers'	U d	910	“ trades	I u	680
Manufactures	I u	670	Mechanics	I q	531
history of	I u	670	Mechanics' associations	I i 1	606
Manures	I u 11	631	Medals	U g	737
Manuscripts	U z 5, Y i 2	13-21	Medical biography	I n 9, U z	926
Maps	U b 1, U b 2, etc.	910	botany	I n 2	615
“ astronomical	I p	524	dictionaries	I n	610
Marble manufacture	I s 4	673	directories	I n 9	610
Marbles	I l 4	731	education	I n 9	610
Marine architecture	I v	699	ethics	I n 3 +	174, 616
“ insurance	I o 4 +	368	history	I n 9	610
“ law	E b	346	jurisprudence	E i	343
Maritime law	E b	346	periodicals and transac-		
Mark	A c 5	226	“ tions	I n	610
Market gardening	I u 11	635, 643	practice	I n 3	616
Markets	I u 15	643	schools	I n 9	610
Marriage, customs	U f 9	390	Medicine	I n	610
“ ethics	I g 2	173	“ history of	I n 9	610
“ law	E e 3	343	“ veterinary	I u 13	619
Martial law	E n	347	Medieval architecture	I t	723
Martyrs	A o 13	272	art	I s 10	709
Mary Queen of Scots	U p 2 Δ	933	customs, costumes	U f 9	392
Maryland	U y 8	976	design	I s 1	747
Mason & Dixon's line	U y 8	326	history	U o 1	900
Masonry	I t 3	693	Latin	O a 1	479
“ Free	U i	366	philosophy	I a 1	108, 109
Massachusetts	U y 8	974	sculpture	I s 4	734
Materia medica	I n 2	615	Meditations, theology	A h	242
Materialism	I c	146	Mediterranean	U b 10, U d 6	S
Materials, building	I t	691	Melancholy	I n 8	132
Maternity	I g 2, I n 4	136, 618	Melanésie	U x 5	
Mathematical drawing	I s 1	744	Melodeon	I s 7 vi	786
“ instruments	I o 3	629	Melody	I s 7	781
“ tables	I o 3	514	Memoirs	U z	920
Mathematics	I o	510	“ scientific	I y	506
history of	I o	510	Memory	I u 1	154
periodicals and transac-			Mensuration	I o 2	612
tions	I o	510	Mental derangement	I n 8	132
Matthew	A c 5	226	“ faculties	I c	158

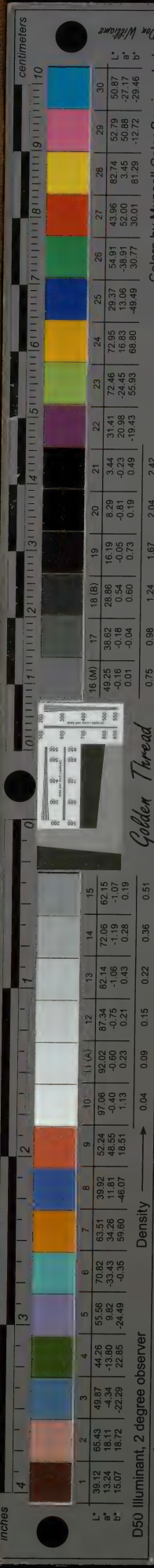
*Manuscript register**Societies in*



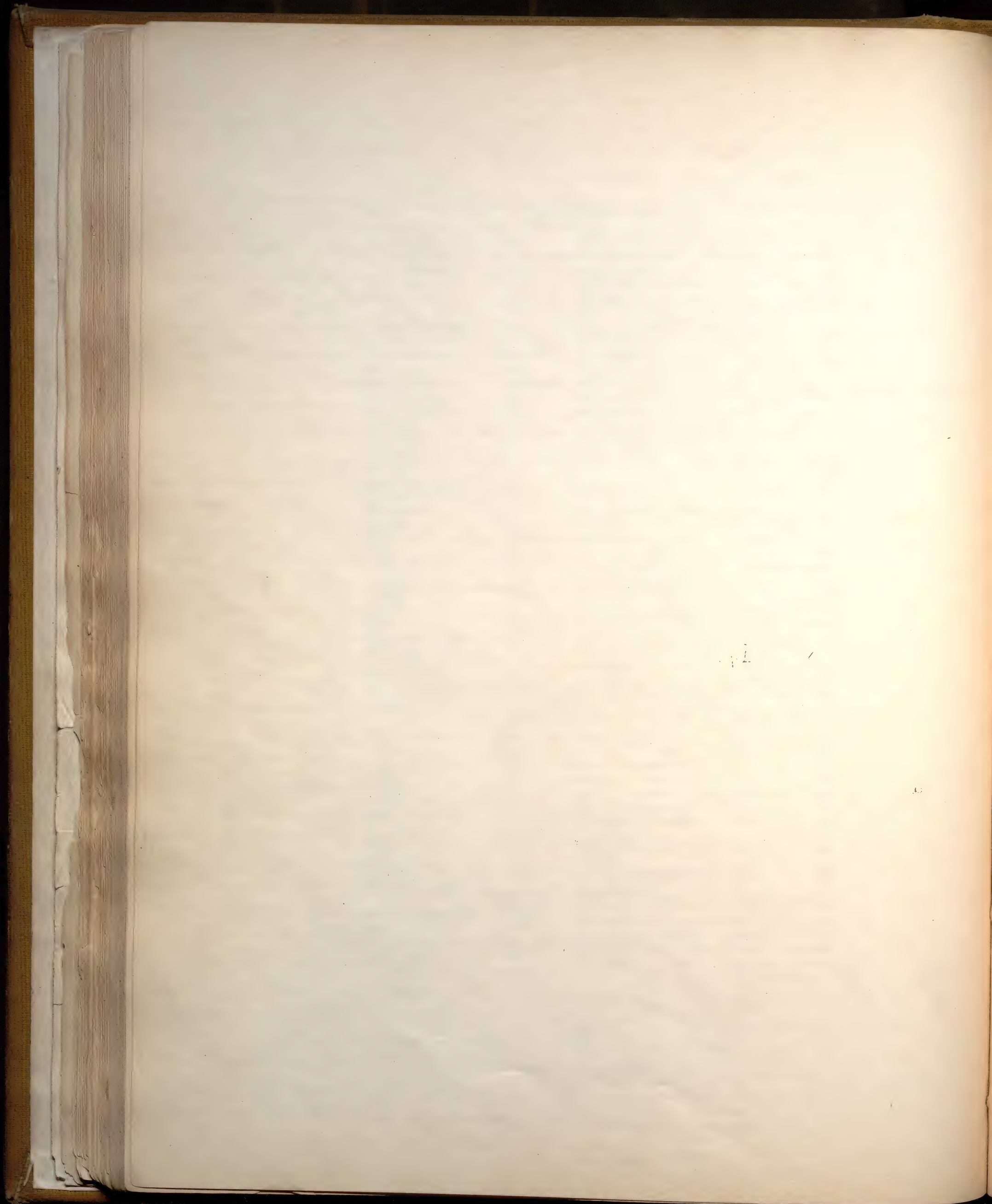
Mental hygiene	In 8	131	Mineralogy	I 14	549
“ philosophy	I c	140-150	Mines, mining	I 14	628
“ physiology	In 8	131	Miniatures	Is 2	757
“ science	I c	150	Mining companies	I 14 Δ	628
Mercantile law	E e 2	343	Ministers	A 1	250
manuals	I i 3	656	“ lives	A o 14, U z	922
theory and practice	I i 3	382, 658	“ office and duty of	A 1	250
Merchant service	I i 3 +, I v 1	387	Minnesingers	O d 4	831
Merchants, lives of	I i 3 +, U z	923	Minnesota	U y 8	977
Mesmerism	I e 4	134	Minstrelsy	O d 2 +, etc.	811, 821, 831, etc.
Mesopotamia	U d 10, U x 1	959			
Messiah	A 1, A n	232	Mints	I i 2	332
Metal manufactures	I u 4	671	Miracles	A f 2	231
Metallurgy	I 14, I u 4	669	Miscellanies, historical	U n	902, 904
Metaphysics	I c	110	Miscellany, literary	O m	819
Meteorology	I k 3	551	English	O m 2	829
Methodism	A o 7	287	French	O m 3	849
Methodology	I c	112	German	O m 4	839
Methods of education	I h	371	Italian	O m 5	859
Metric system	I i 3	389	Spanish	O m 6	869
Metrology	I i 3	389	Missals	A g 1, Y i 2 244, 282	
Mexican war	U y 10 +	973, 978	Missions	A o 15	266
Mexico	U y 10	978	“ foreign	A o 15	267
geography	U b	917	Missionaries	A o 14 266, 267, 922	
history	U y 10	978	Mississippi River	U b 10	917
travels	U d 13	917	“ State of	U y 8	976
Mezzotint	Is 3	776	“ Valley	U y 2 +	917, 977
Michigan	U y 8	917, 977	Missouri	U y 8	917, 977
Microscopy	I r 1	578	“ River	U b 10, U y 2 +	917
Middle ages, history	U o 1	S	Mnemonics	I u 1	154
“ States	U y 2	975	Moab	U d 10 +	933
Midwifery	I n 4	618	Modeling	Is 4	731
Military and naval arts	I v, I w	355-359	Modern architecture	I t	724
academies	I h 2, I n, E n		“ costumes, customs	U f 9	393-399
engineering	I w	623	“ geography	U b	913-919
history	I w 1	355	“ Greek	O a 1	489
law	E n	347	“ history	U o	940-999
schools	I h 2	355, 378	“ philosophy	I a	190
science	I w	355	“ sculpture	Is 4	735
surgery	I n 4	617	“ thought	I m 3	215
Militia	I w	355	Mohammedanism	A p	297
“ laws	E n		Molecular physics	I k	539
Milk	I u 13	637	Mollusca	I 16	594
Millennium	A 1	236	palæontology	I 12	564
Millinery	I u 17	646	Monaco	U u 5	914, 945
Mills, cotton, woollen, etc.	I u 5	677, 678	Monarchie institutions	I i	323
paper	Y g 1	676	Monasteries	A o 15 +	271
Mill-work, Mill-wrights	I u 10	621	Monastic orders	A o 15 +	271
Mind	I c	150	Money	I i 2	332
“ and body	I n 8	130	Mongolian language	O a 2	499
Mineral waters	I 12 +	615	Monitors, iron-clads	I v	359, 699
			Monks	A o 15 +	271

*Must of M. S. say 7 Δ*











Mont Blanc Uni

ALPHABETICAL INDEX.

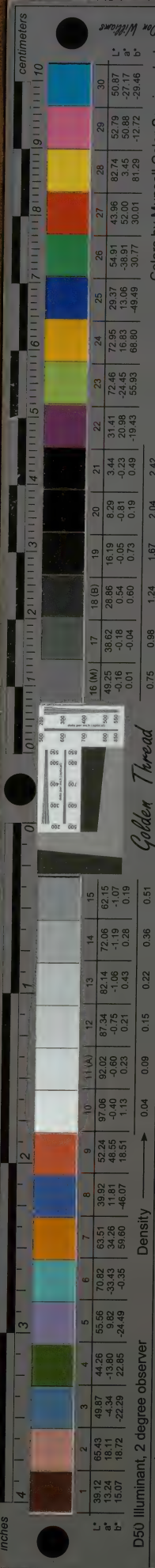
55

Monograms	Is 6, Yg 4	745-748	Musical instruments	Is 7 vi	786, 788
Monopolies	Iii	331	Musicians	Uz i Δ	927
Montana	Uy 8	977	Mutual aid societies	Iii	361
Montenegro	Ud 6	914	Mysteries	Aq 2+, Ie	133
Monuments	Is 4, Uf	718	Mysticism	Ao 2+	289
Moon	Ip 8p	523	Mythology, comparative	Aq i	291
Moral philosophy, history	Ig	170	" German	Aq 3	293
systems	Ig	170	" Greek & Roman	Aq 2	292
Morals of amusements	Ig 4	175	" Norse	Aq 3	293
business	Ig 4	174	" of Egypt	Uf 4	291
marriage	Ig 2	173, 176	" Oriental	Aq 4, 5, 6	294, 297
politics	Ig	172	Myths	Aq, Of 7	291
society	Ig 3	177	<b>Names</b>	Uh 2	929
young men	Ig 3	170	Naples	Uu 4	914, 945
young women	Ig 2	170	Napoleon I	Uv 3	923, 944
Moravian missions	Ao 15	266	" III	Uv 6	923, 944
Moravians	Ao 11	289	Narcotics	In 2+	615
Morea	Uli	949	National costumes	Uf 9	390
Mormonism	Ao 9	298	" customs	Uf 9	390
Morocco	Uu 6	964	Natural history	Il	550-590
Morphology	Il 5	581	" " Biblical	Ad	220
Mortality statistics	Uc	312	" " of different		
Mortar	It 3	693	countries	Il i	550-599
Mortgages	Ee i	343	Natural philosophy	Ik	530
Mosaics	Is 2	751	" science	Il	500
Moslems	Ap	297	" selection	Il 7	575
Mosquito shore	Uy 10	979	" system of botany	Il 5	582
Mosses	Il 5	582	" theology	Ab	210
Mothers	Ig 2, In 4	173	Naturalization	Eb	343, 325
Moths	Il 6	595, 646	Nature	Il	500
Motives	Og, Uh i	819, 829,	Naval architecture	Iv	699
		etc.	" history	Iv i, Up 8,	
Mouldings	It	721		Uy 14	359
Mound-builders	Uf 8	571	Naval men, lives of	Up 8, Uy 14, Uz	926
Mountains	Ubi	551	Naval schools	Ih 2	359, 378
Mulberry	In ii +	634	Naval science	Iv	359
Municipal government	Ii	342	Naval war	Iv	359
" law	Ef	343	Navies	Iv, Up 8, Uy 14	359
Murder	Eh	345	Navigation	Ip, Iv, Ub 10	
Music	Is 7	780			527, 656
criticism	Is 7	780	" laws	El iii	346
dictionaries	Is 7	780	Navy, British	Up 8	359, 941-2
history	Is 7	780	" U. S.	Uy 7 v	359, 973
periodicals	Is 7	780	Nebraska	Uy 8	977
sacred	Ai, Is 7 □	783	Necromancers	Ie, Uz i	133
secular	Is 7 iv	S	Needle-work	Is 8, Iu 17	646, 793
single compositions	Is 7 v	S	Negroes	Am 2+	573, 326
songs with	Is 7 Δ	784	Negro slavery	Ii 4, Uy 6	326
vocal	Is 7 +	784	Neo-platonism	Ia i	186
Musical collections	Is 7 iv	780, S	Nepotism	Ii	323
" composition	Is 7	781	Nervous system	In i	611
" drama	Is 7 Δ, Oe 7	782	Nestorians	Ao i	281

Naturalists distinct in Il

Ep

Museum Il, Murder Is 6 →





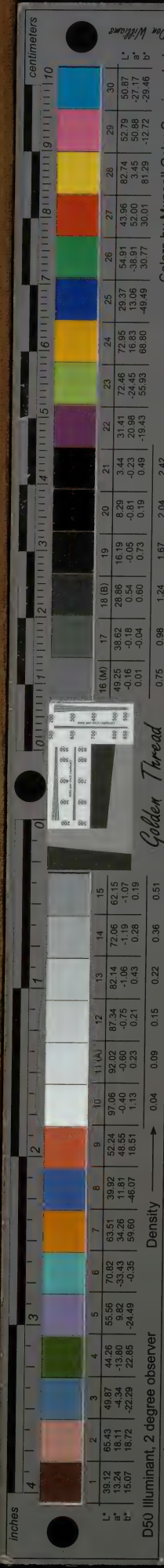
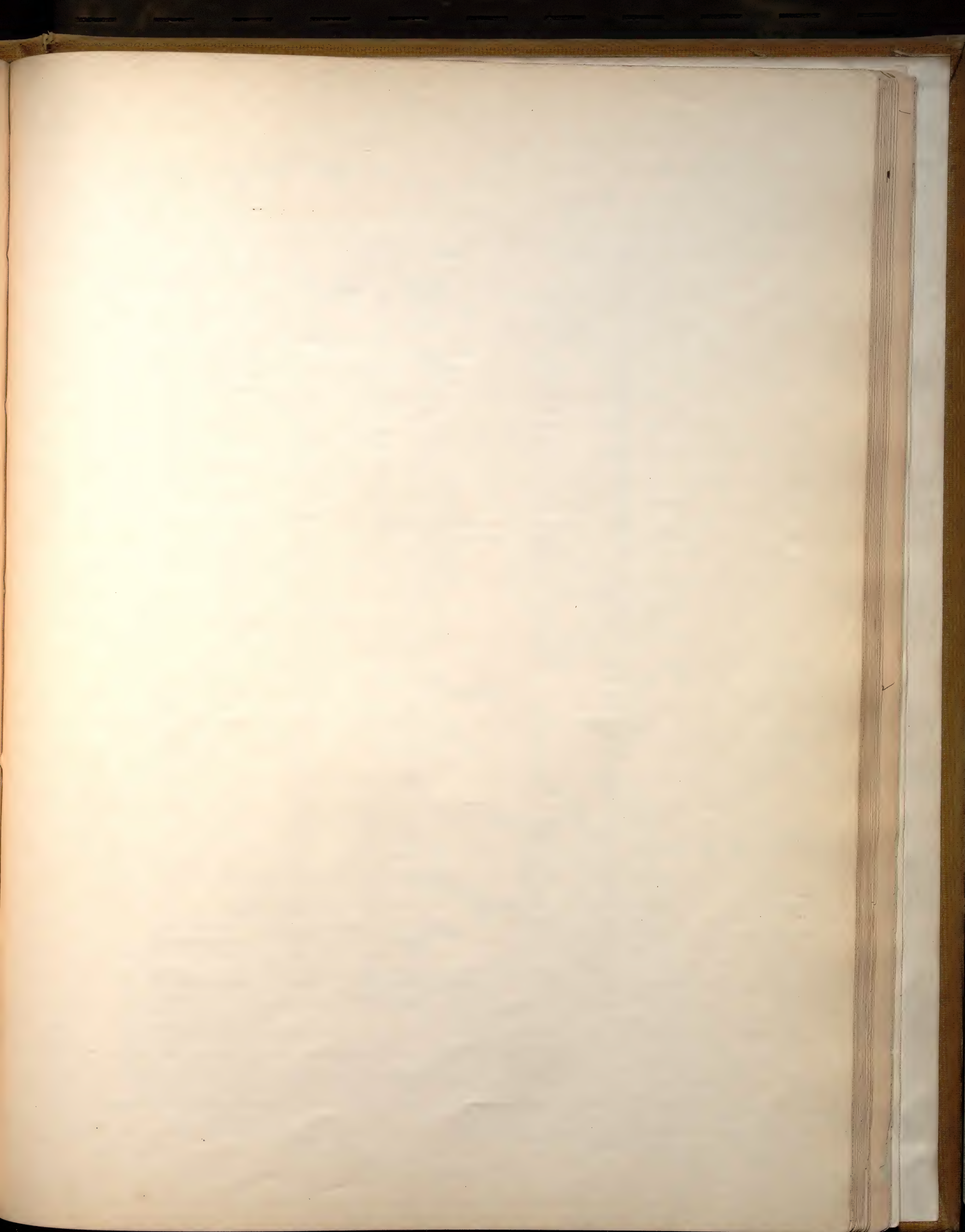
*Notes & Quen's on 2*

Netherlands	U t	949	Northwest Passage	U d 3	998
Neuroptera	I l 6	595	Norway	U f 7, U q 3, U r	948
Neutrals	E b	341	Nosology	I n 3	616
Nevada	U y 8	977	Nouvelle France	U y 9 +	972
New Brunswick	U y 9 Δ	972	Nova Scotia	U y 9 Δ	972
“ England	A o 5, U y 8	974	Novels	O f	813
“ Granada	U y 11	986	English	O f 2	823
“ Guinea	U d 4	995	French	O f 3	843
“ Hampshire	U y 8	974	German	O f 4	833
“ Jersey	U y 8	975	Italian	O f 5	853
“ Mexico	U y 8	978	Spanish	O f 6	863
“ Orleans	U y 8	917, 976	Nubia	U d 12 +, U x 1	962
“ Platonism	I a 1	186	Numbers, book of	A e 3 A c 3	222
“ Testament	A e 5	225	Numismatics	U g	377
“ York	U y 8	975	Nunneries	A o 15 +	362
“ York city	U y 8	917, 975	Nursery	I u 17	649
“ Zealand	U d 4, U x 5	996	Nursing	I n 3	616, 649
Newfoundland	U y 9 Δ	971	<b>Oaths</b>	E a	349
Newspaper cuttings	O p 2	8	Object teaching	I h	371
Newspapers	O p	50	Observations, astronomical	I p	525
Nicaragua	U d 13 Δ, U y 10	979	Obstetrics	I n 4	618
Nile	U d 12 +, U x 4	916	Ocean currents	U b 10	551
Nineveh	U f 2	915, 935	“ exploration	U d 3	910
Nobility	U h	322	“ geography	U b 10	910
Nobles, lives of	U h 2	923	“ transportation	I v, I v 1	387, 656
Non-Christian religions	A q	290	“ world	U b 10 551, 597, 913	
Non-jurors	U p 1 Δ	283, 274, 942	Oceanica	U x 5	990
Normal schools	I h 2	371	botany	I l 1, I l 5	589
Norman conquest	U p 1	942-946	customs and costumes	U f 9	399
Normandy	U d 8, U v	944	ecclesiastical history	A o 15	279
Normans	U r	942, 944	geography	U b 9	919
Norse	O a 2	498	geology	I l 3	559
Norse language	O a 2	498	history	U x 5	990
literature	Y k 4	898	statistics	U x 5	319
poetry	O d 6	898	travels	U d 3	919
Norsemen	U r	948	Odd Fellows	U i	366
North Africa	U d 12 v, U x 9	961	Odontology	I n 4 +	611, 617
America	U y	970	Ohio	U y 8	977
American botany	I l 5	587	Oil, animal	I t 5	644
customs & costumes	U f 9, U y 1	397	coal	I l 2 Δ	644, 665
ecclesiastical hist'y	A o	277	vegetable	I u 11	633
geography	U b 5, 6, 7, 8	917	Oil manufacture	I t 5	665
geology	I l 3	557	Oil painting	I s 2	751
history	U y	970	Old Catholics	A o 2 +	282
statistics	U c 6	317	Old French	O a 2	449
travels	U d 13	917	Old Testament	A e 3	221
North Carolina	U y 8	976	Ontology	I c	111
Northmen	U r	948	Opera Houses	I t 7	725, 792, 982
North of Europe	A q 3, U d 7, U f 7	914, 948, 947	Operas	I s 7 Δ, O e 7	782
Northwest America	U d 3, U y 8	917, 971, 977	Opium	I n 2 +	615
			Optics	I r	536
			Oracles	A q 2 +	133

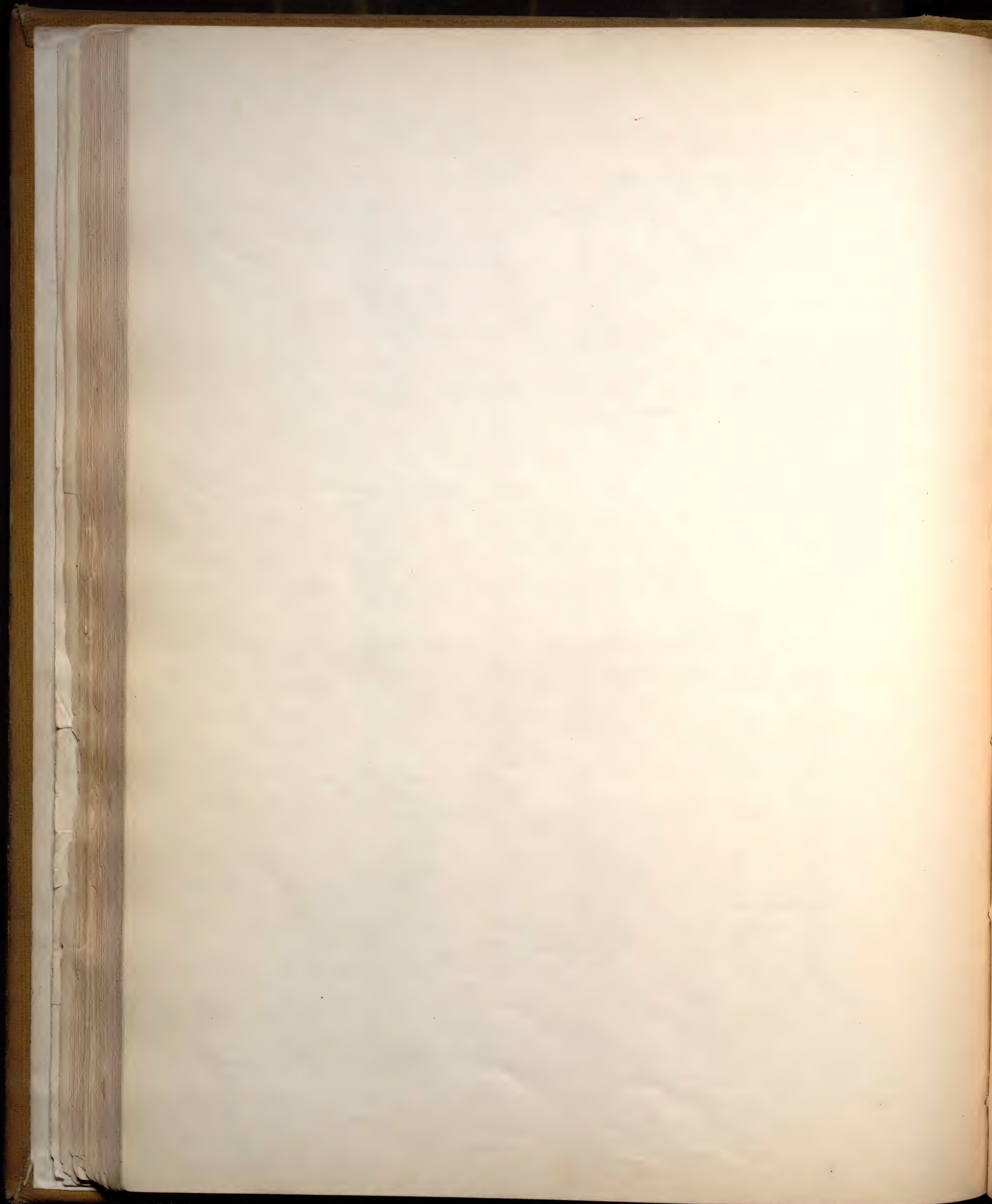
*Ux4*

*Observations 2h*











*Ordinances (of cities) my 8 &c*

ALPHABETICAL INDEX.

57

Orations	Oc	815, 825, etc.	Paganism	Aq	290
Oratorios	Oe 7	783	Pageants	Uf 9	390
Oratory	Ob, Oc	815	Painters' lives	Uz 1 Δ	927
sacred	Am	251	Painting	Is 2, It 6,	
Orcades	Uc 2 Δ	941	Iu 7	750, 698	
Orchards	Iu 11 +	634	Painting, color	Is 2	752
Orders of architecture	It	722-724	American	Is 10	756
Ordinances, religious	Ag	244, 264, 265	criticisms	Is 2	750
Ordination sermons	Am	257	Dutch	Is 10	753
Ordinance	Iw	355, 683	English	Is 10	756
Oregon	Uy 8	977	Flemish	Is 10	753
Ores	Il 4	549, 669	French	Is 10	754
Organ	Is 7 vi	786	German	Is 10	756
Organic chemistry	Ik 4	547	Italian	Is 10	755
" remains	Il 2	562	landscape	Is 2	758
Oriental architecture	It	722	materials	Is 2	751
" churches	Ao 1	281	methods	Is 2	751
" languages	Oa 2	490	Painting (trade)	Iu 10	698
" philosophy	Ia 1	181	Paintings, collections	Is 6	759
" poetry	Od 6	890	Palæographia	Yi 2	21
Origin of language	Oa	401, 409	Palæography	Yi 2	417, 419, 21
" religious belief	Aq 1	201	Palæontology	Il 2	560
" species	Il 7	575	Palestine	Ud 10 +	933, 956
Orkneys	Uc 2 Δ	941	Palmistry	Ie 2	133
Ornamental botany	Iu 12	583	Palmyra	Uf 6	939
" design	It 6	745	Pamphlets	Ok, Up 6, Uy 6	S
" gardening	Iu 12	710	Panama	Ud 13 Δ,	
" work	It 6	745	Uy 10	979	
Ornithology	Il 6 +	598	Pantheism	Ab	212
Orphan asylums	Ii 7	361	Pantheistic psychology	Ic	147
Orphans	Ee	361	Papacy	Ao 2	282
Orthoepey	Oa 2	411, 421, 431, etc.	Papal Rome	Uu 2	282, 945
Orthography, comparative	Oa	411	Paper-hanging	It 6	698
English	Oa 2	421	Paper manufacture	Yg	676
French	Oa 2	441	Paper money	Ii 2	332
German	Oa 2	431	Papua	Ud 4	995
Greek	Oa 1	481	Paraguay	Uy 11 Δ	989
Italian	Oa 2	451	Parchment	Yg	26
Latin	Oa 1	471	Parent and child	Ud 8 Δ	914, 944
Spanish	Oa 2	461	Paris	Ee, Ef 3	343
Osteology	In 1	591, 611	Parish law	Iu 12	711
Ottoman empire	Ux 1	956	Parks, public	Ef 3 +	323
" " geography	Ub	915	Parliament	Eg	349
" " history	Ux 1	956	Parliamentary law	Up 5	328
" " travels	Ud 10	915	" blue books	Up 5	328
Out-door sports	Ix 1	796-799	" debates	Ix 2	793
Overland route	Ud 2	917	Parlor pastimes	Od 2, etc.	818, etc.
Oxford University	Ih 2	378	Parodies	Il 6 +	598
Oysters	Il 6, Iu 15	594, 643	Parrots	Aq 5	295
<b>Pacific Ocean</b>	Ub 10	913	Parseeism, Parsees	Ue	935
Pacific slope	Uy 2 Δ	917, 977	Parthia		

*Panorama Is 6 II*

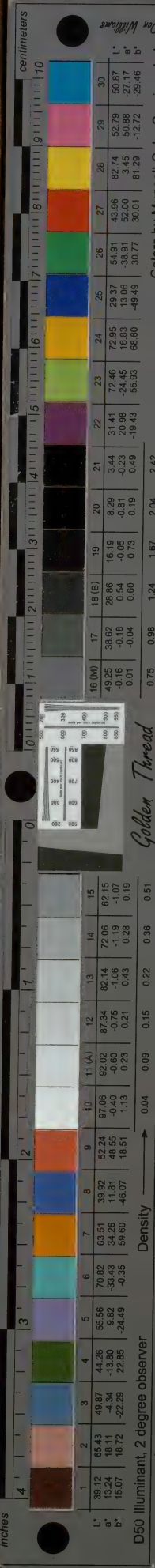
*Parish registers Uu 2*



Partnership	Ee 2	343	Persian language	O a 2	495
Parturition	In 4	618	“ literature	Y k 6	895
Passion plays	O e	812	“ poetry	Od 6	895
Passions	Ig 1	157	Personal liberty	Ee	342
Pastel drawing	Is 2	741	“ narratives	U z	920
Pastoral letters	Am	250	“ property	Ee	342
“ theology	Al	250	“ rights	Ee	342
Patagonia	Uy 11 iv	989	Perspective	Is 1	742
Patent law	Em	343	Peru	Uy 12 +	985
Patents	Iu	608	Pests, agricultural	Iu 11 iv	632
Pathology	In 3	616	Petrifaction	Ik 3	560
Patriarchal institutions	An	321	Petroleum	Il 2 $\Delta$	665, 549
Patriotism	Ig 1	172	Pharmacopœias	In 2	615
Patristics	Ak	189	Pharmacy	In 2	615
Patronage	Ii	177	Phi Beta Kappa	Ih 2	366
Pauperism	Ii 1	339	Philadelphia	Uy 8 (Pa.)	975
Pawnbroking	Ii 2	334	Philately	Yg 5	737
Peace and war	Ig 1	172	Philippine Islands	Ud 11, Ux 3	991
Pears	Iu 11 +	634	Philology	O a	400
Peat	Il 4 +	644	Philosophers, lives of	Ia 1	921
Pedobaptism	Ao 6	264	Philosophical dictionaries	Ia 1	103
Peerage	Uh 2	322	Philosophy	Ia	100
Peloponnesus	U1	938, 949	ancient	Ia 1	180
Penal law	Eh	345	biography of	Uz 1	921
Penance	Ag	244	Greek	Ia	182, 888
Peninsular war	Iw 1, Uv 3, Uw	946	history of	Ia 1	109
Penitentiaries	Eh	365	Latin	Ia	878
Penmanship	Yg 4	652	mental	Ic	150
Pennsylvania	Uy 8	975	modern	Ia	190
Pentateuch	Ac 3	222	moral	Ig	170
Perception	Ic	152	natural	Ik	530
Perfectionists	Ao 7, Ao 11	289	of art	Is	701
Perfumery	Iu 10	660, 646	history	Ua	901
Periodicals			language	O a	401
bibliographical	Ya	10	literature	Yk	801
fine arts	Is	705	science	Ik	501
general	On	50	sociology	Im 3	301
history	On 00	905	religion	Aq 1	201
literature	On	805	useful arts	Iu	601
medicine	In	610	Phœnicia	Ux 7	939
natural science	Il	505	Phœnician language	O a 2	493
philology	O a	405	Phonetic short-hand	Yh	653
philosophy	Ia	105	“ spelling	O a	421
science	Iz	505	Phonograph	Ir 2	653
sociology	Im 3	305	Phonology	O a	414
theology	Ar	205	Photographic chemistry	Is 5	771
useful arts	Iu	605	Photographs	Is 5, Uz 3	773
Perpetual motion	Iq	531	Photography	Is 5	770
Persecutions	Ao, Ao 12, Ao 13	272	Photo-lithography	Is 5	775
Persia, ancient history	Ue, Ux 8	935	Phrase-books	O a 2	415, 425, etc.
“ modern “	Ud 11, Ux 8	955	Phrenology	Id	139
			Phthisis	In 5	616



Peruvian antiquities Uf8





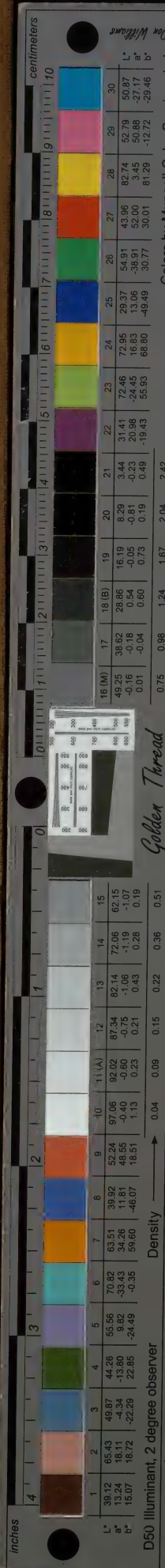




## ALPHABETICAL INDEX.

59

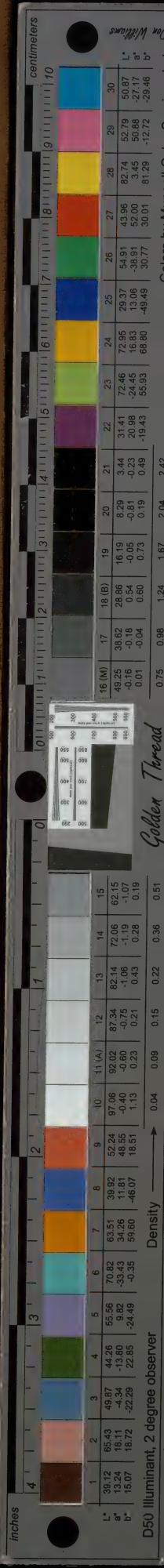
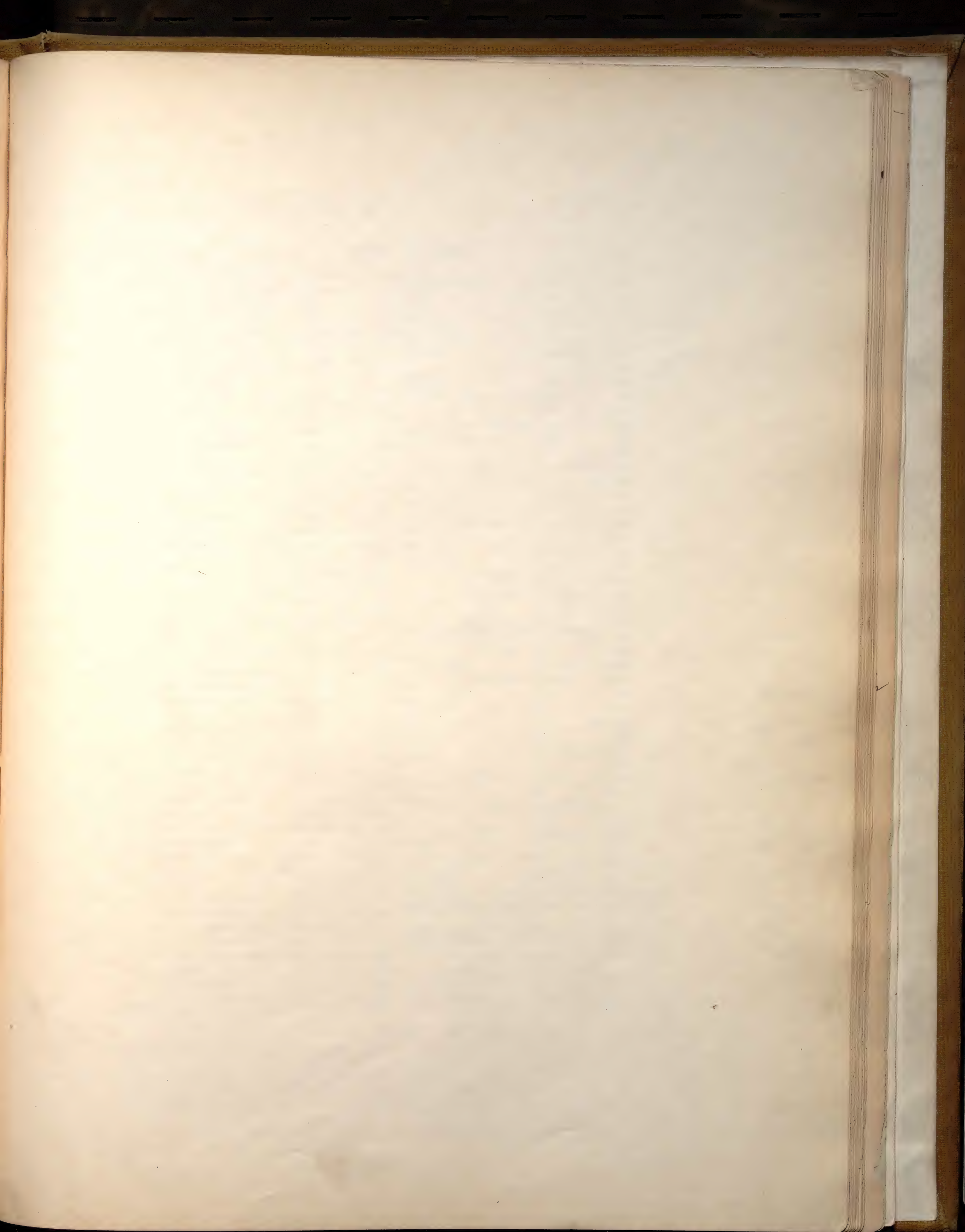
Physical education	Ih	613	Poetry—		
“ geography	Ub II	551	Greek	Od I	881
Physicians, lives of	In 9	926	history of	Od	811
Physics	Ik	530	Italian	Od 5	851
dictionaries and ency-			Latin	Od I	871
clopedias	Ik	530	Oriental	Od 6	890
molecular	Ik	539	sacred	Ai, etc.	245, 821, 831, etc.
periodicals & transact's	Iy, Iz	530	Scottish	Od 2 Δ	821, 896
Physiognomy	Id	138	Spanish	Od 6	861
Physiography	Ub II	551	Poets, American	Od 2 v	928, 821
Physiology	In I	612	“ lives	Od 2 □, Uz I	928
“ comparative	<del>116</del> Im I	591	Poisons	In 2 +	615
“ mental	In 8	131	Poland	Uq 4	949
“ vegetable	Il 5	581	“ travels	Ud 7	914
Piano-forte	Is 7 vi	786	Polar regions	Ud 3 +	919, 998, 999
Picts	Up 2 +	936, 941	Police	Eh	354
Picture galleries	Is 6	759	Polish language	Oa 2	497
Picturesque views & tours	Is 6 □	910-919	“ literature	Yk 6	899
Piedmont	<del>116</del> <i>nu</i>	945	Politeness	Ig 3	177
Pig	Iu 13	636	Political associations	Ii	363
Pigeons	Iu 13	598	“ economy	Ii I	330
Pigmies	Im 2	573	“ essays	Ii, Up 6, Uy 6	329
Piracy	Eb, Uy 13	345	“ institutions	Ii	363
Pisciculture	Iu II □	639	“ pamphlets	Up 6, Uy 6 S,	329
Plague	In 5	616, 614	“ science	Ii	320
Planets	Ip	523	“ sermons	Am	256
Plans for building	It 2	692	“ speeches	Oc, Up 6, Uy 6	329
Plants	Il 5	580	Politics, American	Uy 6	324, 973
landscape gardening	Iu 12	710	“ British	Up 6	323, 942
paleontology	Il 2	560	Polity, ecclesiastical	Al	262
Plate	It 6 +	645, 671	Polygamy	Ig 2	173, 345
Plato	Ia	921, 184	Polyglot Bibles	Ac I	220
Platonic philosophy	Ia I	184	Polygraphy	Oi	40
Platonists, new	Ia I	186	Polynesia, botany	Il I, Il 5	589
Players' lives	Uz I Δ	927	customs and costumes	Uf 9	399
Playing cards	Ix 2, Yg I	795	ecclesiastical history	Ao I 5	279
Plays	Oe	812, 792	geography	Ub 9	919
Pleading	Ea	349	geology	Il 3	559
Plumbing	It 5	696	history	Ux 5	996
Plurality of worlds	Il 3	521	languages	Oa 2	499
Pneumatics	Ik 3	533	statistics	Uc	319
Pneumatology	Al, Ic	150	travels	Ud 3	919
Poetical books of Bible	Ac 3	223	Polyps	Il 6	593
“ selections	Od 2 iv, v 8 II, 821, etc.		Polytheism	Aq	290
Poetry	Od	811	Pomology	Iu II +	634
American	Od 2	821	Pompeii	Uf 6 +	912, 937
collections of <i>Od 2 w,</i>	Od 2 v	811	Ponds, artificial	Iu 12	714
criticism of	Ob 8 II, 821, etc.		Poor	Ii I	339
English	Od 2	321	“ laws	Bf	343
French	Od 3	841	“ houses	Ii 7	339
German	Od 4	831			

*... caricatures Up 6, Uy 6*

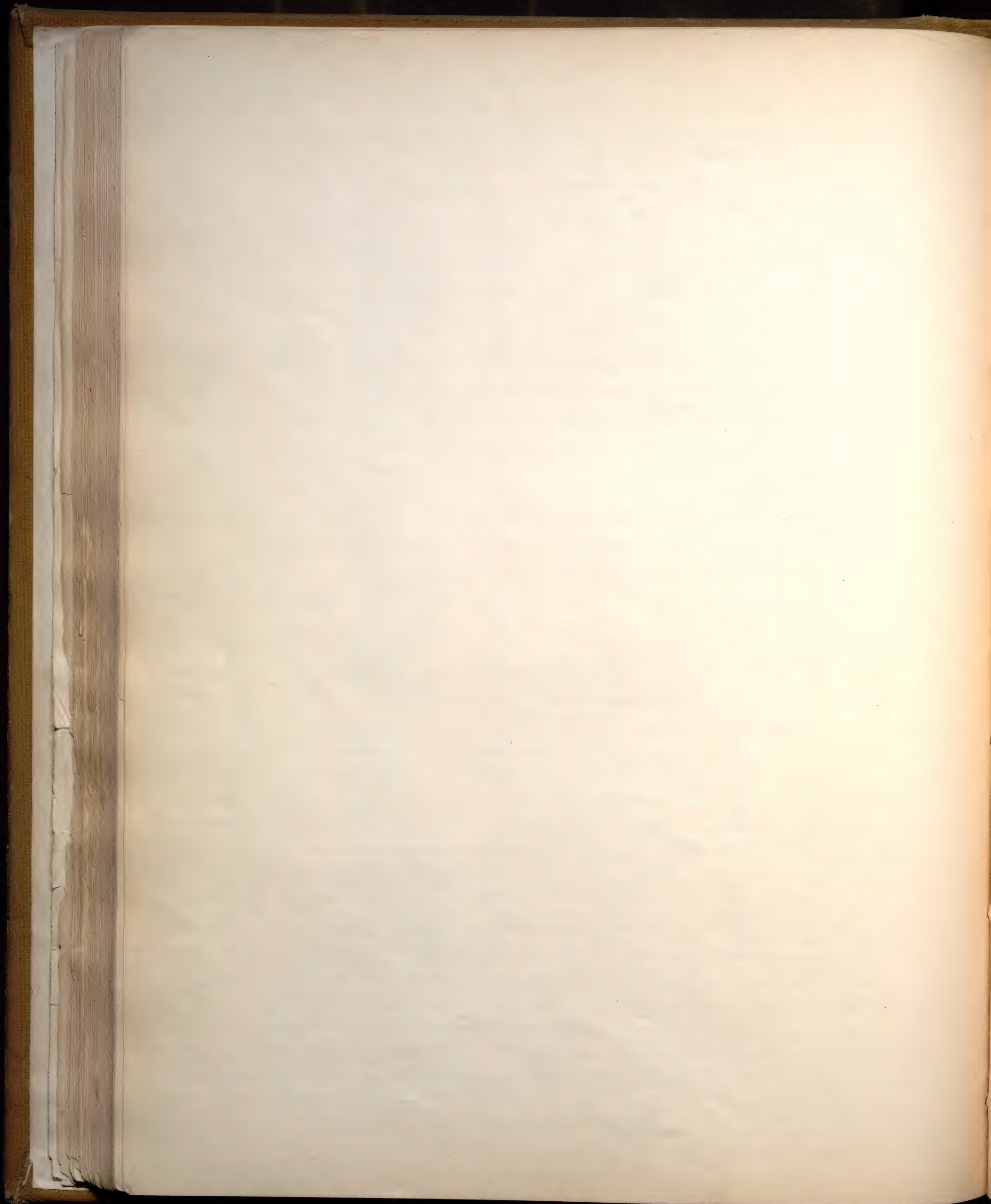


Popery	Al 1, A o 2	282	Private grounds	I u 12	712
Popes	A o 13, 922, 282,		“ libraries	Y d	19
“ individual	U z	274	“ theatricals	I x 2	792
“ lives of	A o 13	922	“ worship	A h	248
Popular science	I k	S, 500	Privateers	E b	341
“ antiquities	U f 9	571	Probabilities	I o 4	519
Population	I i 1, U c	312	Production	I i 1	338
Porcelain	I u 9	738	Productions of the soil	I u 11	633
Porto Rico	U y 9 vi	979	Professional ethics	E a, I n 3 +	174
Portrait painting	I s 2	757	Progressive Friends	A o 10	289
Portraits	U z 3	777	Progress of civilization	I m 3	312
Port Royal	A o 2 +	271	“ of population	U c	313
Portugal	U d 8, U w	946	Prohibited books	A o 12, Y b	28
Portuguese language	O a 2	469	Prohibition	I g 5	178
“ literature	Y k 6	860	Projectiles	I w	358, 531
“ poetry	O d 6	861	Projection	I s 1	744
Positivism	I a	146	Promissory notes	E e 2	343
Postage-stamps	Y g 5	383	Pronunciation	O a 411, 421, 431,	etc.
Post-offices	I i 3 +,				
	U y 7 vii	383	Property	I i 1	331
Potato	I u 11	633	“ law	E e	342, 343
Pottery	I u 9	738, 673	“ tax	I i 2	336
Poultry	I u 13	636	Prophecy	A e, I e	231
Powder	I u 10, I w	662, 355	Prophetical books of Bible	A c 3	224
Practice of medicine	I n 3	615	Prose composition, Greek	O a 1	485
Prayer	A h	217	“ “ Latin	O a 1	475
“ books	A g 2	244	Prosody, comparative	O a, O d	416
“ meetings	A h	247	English	O a 2	426
Preachers, lives of	A o 14	922	French	O a 2	446
Preaching	A m	250	German	O a 2	436
Precedence	U h	929	Greek	O a 1	486
Precedents, legal	E a, E e	343	Italian	O a 2	456
Precious metals	I i 2	549	Latin	O a 1	476
“ stones	I t 6 +	549	Spanish	O a 2	466
Predestination	A l	231	Prostitution	I g 2, I n 7	176, 618
Pregnancy	I n 4	618	Protection	I i 1	337
Pre-historic archæology	U f 1	571	Protestant episcopal	A o 3	283
Presbyterians	A o 4	284	Protestantism	A o 11	283-289
Prescriptions	I n 2	615	“ and Romanism	A l 1	282
Press, liberty of	E e, E f	324	Protoplasm	I l 7	576
Pretenders	U p 1 Δ	923, 842	Protozoa	I l 6	593
Prices	I i 3	381, 382	palæontology	I l 2	563
“ current	O p	381, 382	Provençal language	O a 2, O d 3 +	449
“ history of	I i 3 +	380	Proverbs	O g 2	819
Primeval man	I m 1, U f 1	571	“ Book of	A c 3	223
Primitive Christianity	A o	270	Providence	A b	214
Primogeniture	E d, E e 1	322	Provincialisms	O a 2 427, 437, etc.	
Printing	Y g	655	Pruning	I u 11 +	634, 715
Prints, books of	I s 6	769	Prussia	U s 3	943
Prison associations	E h	365	Psalms	A c, A i	223
“ discipline	E h	365	Pseudonyms	Y b 2	14
Prisons	E h	365	Psychology	I c	140











## ALPHABETICAL INDEX.

61

Public accounts	Uy7, etc.	336	Railways, laws of	Ef	343
“ administration	Ii	350	Rain	Ik3	551
“ buildings	It7	725	Rank	Uh	322
“ charities	Ii7	361	Rarissima	Yi1	20
“ documents	Uy7, Uy8	328	Rationalism	Ab	211, 155
“ education	Ih2	370	Readers	Ob1	418, 428, 438, etc.
“ finance	Ii2	336	Reading, art of	Ob	815
“ health	In7	614	Reading clubs	Ih4	374
“ houses	Ig5	390	“ courses	Ya	15, 16
“ lands	Uy7vi	353	“ for self education	Ih4	374
“ meetings	Ii, Uy6	360	Real estate law	Ee1	343
“ schools	Ih2	378	Reason	Ic	155
“ speaking	Ob	815	Rebellion, Southern	Ub6+, Uy5	973
“ worship	Ag	246	Rebellions of 1711 & 1745	Up1Δ	941, 942
Publishers' circulars	Yc	15	Recipe books	Iu15	640
Pulpit oratory	Am	250	Reconstruction	Uy5	973, 976
Pumps	Iq	532	Record Commission	Up5Δ	942
Punctuation	Ob2	421	Recreative arts	Ix	790
Punishment	Eh	345	Redemption	Al	234
Punjaub	Ux3	915, 954	Reformation	Ao11	274
Puritans	Ao5	277, 289	“ in France	Ao11□	274
Puseyism	Ao3	244, 283	“ in Germany	Ao11+	274
Puzzles	Ix2	793	“ in Italy	Ao11iv	274
Pygmies	Im2	573	“ in Spain	Ao11v	274
Pyramids	Uf4	916, 932	Reformatory associations	Ii7	364
Pyrites	Il4	549	“ institutions	Eh	364
Pyrotechnics	Iu10	662	Reformed church	Ao11Δ	289
Pyrrhonism	Ia1	186	“ Episcopal Ch'h	Ao3+	283
Pythagorean philosophy	Ia1	182	Reform schools	Ih2	364
<b>Quadrumana</b>	Il6	599	Regeneration	Al	234
Quadrupeds	Il6	599	Regicides	Up9	923, 942
Quakers	Ao10	289	Regimen	In7	613
Qualitative analysis	Ik4	544	Regiments	Up8, Uy5	355
Quantitative “	Ik4	545	Registers	Oo	313
Quarantine	Ii7	614	“ U. S. officers	Uy7+	350
Quarrying	Il4	628, 691	Registration	Uc	311
Quaternions	Io1	518	Regulations of armies	En, Uy7□,	etc. 355
Queens, lives of	Up7, Uz1	923	“ of navies	Uy7v, etc.	359
Quietists	Ao2+	282	Religion	A	200
Quotations	Om6 819, 829, etc.		and philosophy	Af	201
<b>Race-horse</b>	Ix1	798	and science	Afi	215
Races of men	Im2	572	history of	Aq1	209, 270, 299
Racing	Ix1	798	philosophy of	Aq1	201
Radiates	Il6	593	practical	Al	240
“ paleontology	Il2	563	Religions, Non-Christian	Aq	290
Railroad corporations	Ii6	343, 385, 656	Religious anecdotes	Og	249
“ engineering	Ii6	625	“ associations	Ao15	362
“ locomotives	Ii6	621	“ biography	Ao14, Uz	922
“ transportation	Ii6	345, 385, 656	“ ceremonies	Ag	244
Railroads	Ii6	385	“ charities	Ao15, Ii7	260, 361
Railway guides	Ii6	385			
“ excursions	Ii6	385, 913			

"makes 916"



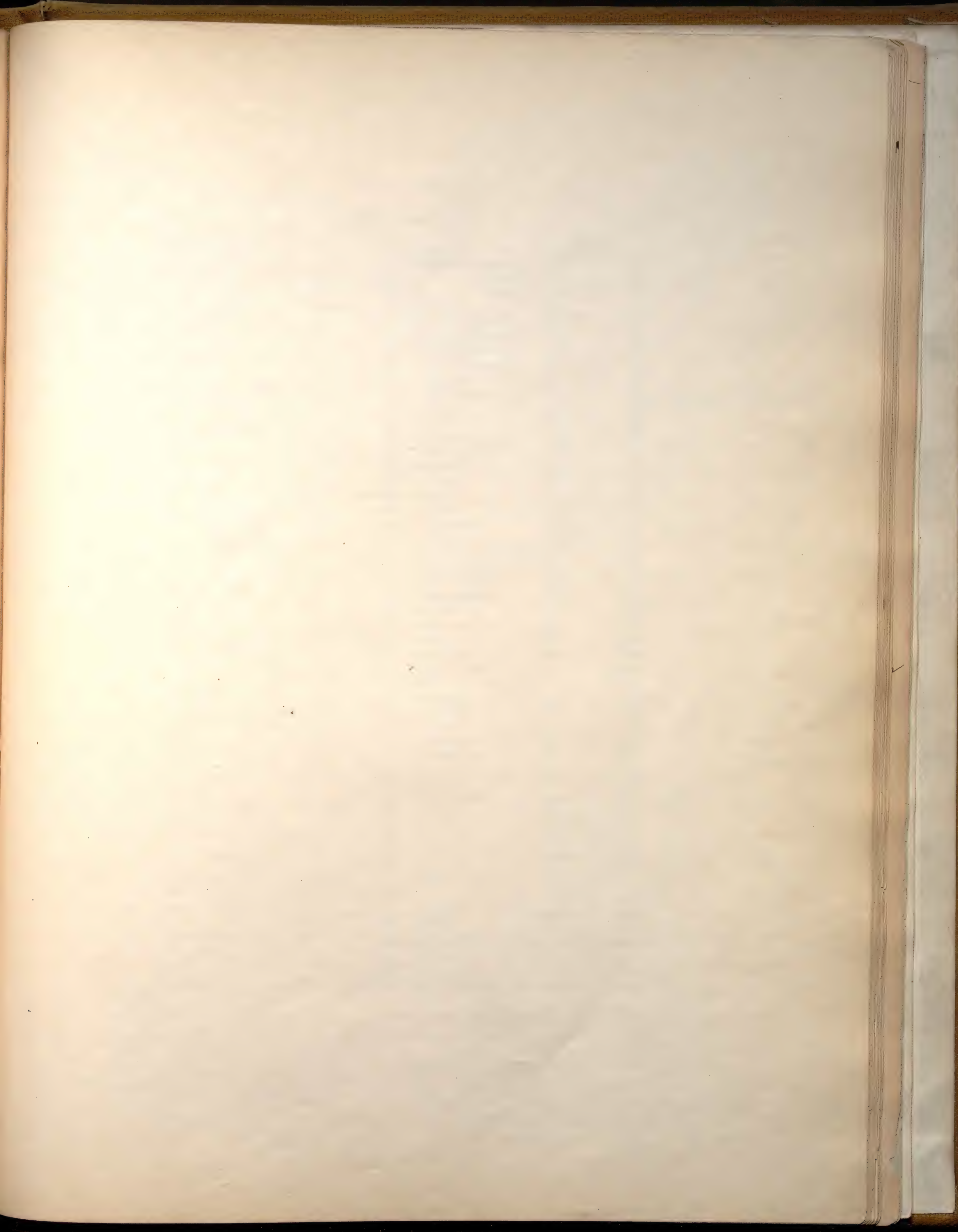


Religious education	Ih	377	Rolls	Up5△	942
“ encyclopedias	A	202	Rolls of honor	Uy5	355
“ essays	Al	204	Roman administration	Ed, Um	348, 937
“ fiction	Of	249	“ antiquities	Uf6	937
“ institutions	Ao, Aq	362	“ architecture	It	722
“ orders	Ao15+	271	“ art	Is10	709
“ periodicals	Ar	205	“ Catholicism	Al1, Ao2	282
“ philosophy	Al	201	“ history, ancient	Um	937
“ superstitions	Aq1	133	“ “ modern	Uu2	945
Remains	Il2	560	“ inquisition	Ao12	274, 937
Renaissance	Uo1	940	“ law	Ed	348
Rent	Ii1	333	“ literature	Yk1	870
Repentance	Al	234, 241	“ mythology	Aq2	292
Reports, law	Ek	340	“ poetry	Od1	871
“ mercantile	Ii3△	380	“ sculpture	Is4	733
Reptiles	Il6	598	Romance	Of	813
“ paleontology	Il2	568	English	Of2	823
Republican institutions	Ii	324	French	Of3	843
Resistance of materials	It	691	German	Of4	833
Restoration, English	Up7	942	Italian	Of5	853
“ French	Uv4	944	language	Oa2	459
Resurrection	Af2	236	Religious	Of	249
Retribution	Al	237	Spanish	Of6	863
Revealed religion	Af	231	Romanic languages	Oa2	440-469
Revelation, Book of	Ao6	231	“ literature	Yk	840-860
Revenue	Ii2	336	Romanism	Al1	282
Reviews	On	S	Rome; ancient	Uf6, Um	937
Revivals	Ao	269	books against	Al1	282
Revolution, American	Uy3	973	Church of	Ao2	282
“ English	Up1,7	942	city, antiquities	Uf6□	722, 733, 937
“ French (1789)	Uv2	944	empire	Um1	912, 937
“ “ (1830)	Uv4	944	history	Um, Uu2	274, 937
“ “ (1848)	Uv5	944	missions	Ao15	266
Rhetoric	Ob	815	modern	Uu2	945
“ sacred	Am	251	regal and republican	Um	937
Rhine	Ud6	914	theology	Al	282
Rhode Island	Uy8	974	topography	Uf6□	912, 914
Rhododendron	Il5+	582	Romish church	Ao2	282
Riddles	Ix2	819, 829, etc.	Rope-making	Iu10	677
Riding	Ix1	798	Rose	Il5	583, 716
Rifle	Ix1	683, 799	Rosierucians	U1	366
Right of search	Eb	341	Roumania	Ux1	949
Rights and liberties	Ee, Ii	342	Round the world	Ud3	913
Riots	Ef	343	Rowing	Ix1	797
Rites and ceremonies	Ag	244	Royal houses	Uh2	923
Ritualism	Ao3	244	“ lives	Up7, Uv1,	
River transportation	Ii5	387		Uz1	923
Rivers	Ub10	551	Rubber manufactures	Iu8	675
“ (engineering)	Ii5	624, 628	Ruins	It7, Uf	720
Roads	Ii5	625	Rules of order	Eg	343
Rocky Mountains	Uy2+	557, 917	Ruminants	Il6	599
Rodentia	Il6	599			

Rhodes Ux1

Rules of court Ea





Color calibration chart and ruler. The chart includes a ruler in inches (0 to 4) and centimeters (0 to 10). Below the ruler is a series of color patches and a table of colorimetric data.

**Golden Thread**

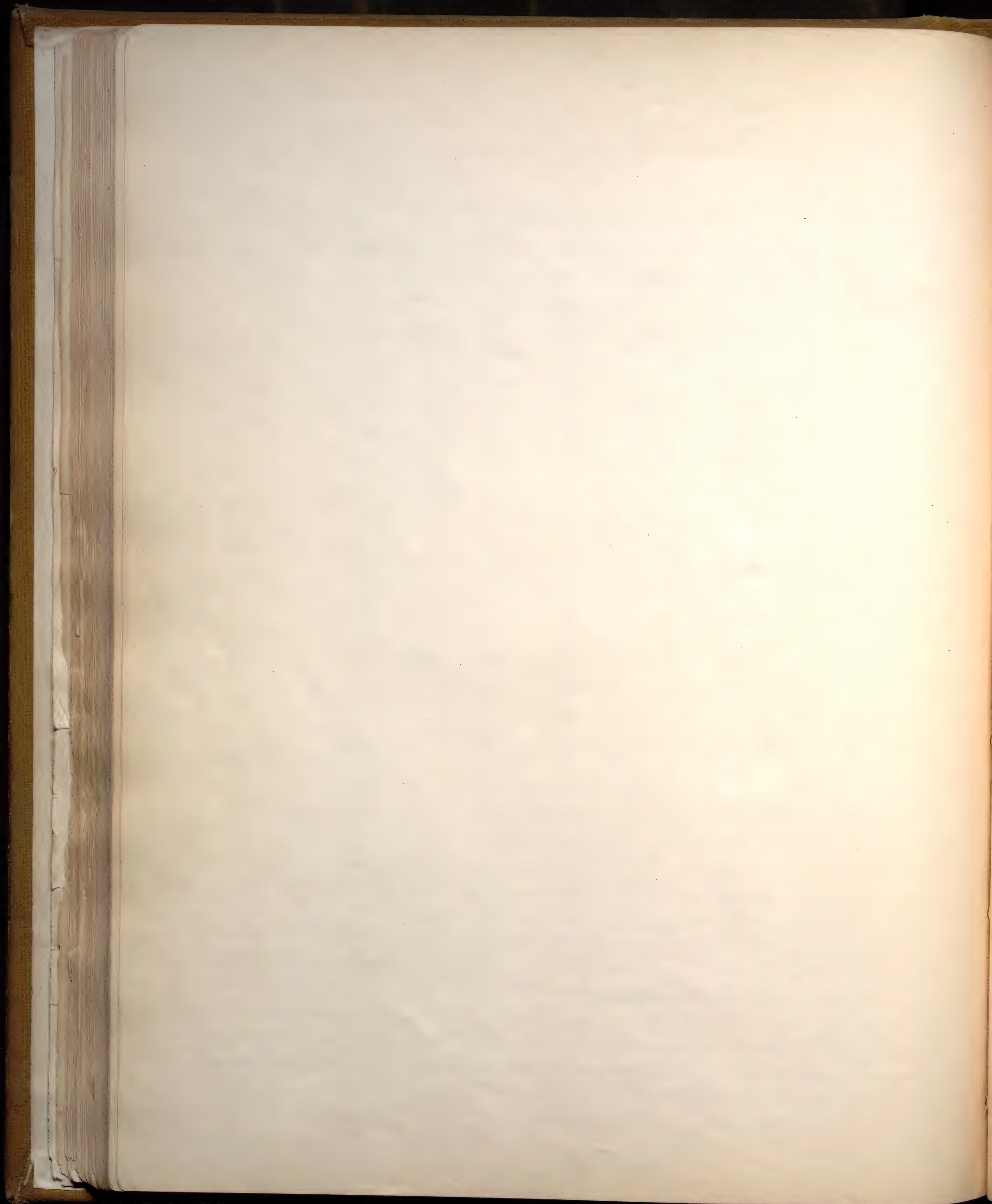
D50 Illuminant, 2 degree observer

Patch	1	2	3	4	5	6	7	8	9	10	11(A)	12	13	14	15	
L*	39.12	65.43	49.87	44.26	55.56	70.82	63.51	39.92	52.24	97.06	92.02	87.34	82.14	72.05	62.15	
a*	13.24	18.11	-4.34	-13.80	9.82	-33.43	34.26	11.81	48.55	-0.40	-0.60	-0.75	-1.06	-1.19	-1.07	
b*	15.07	18.72	-22.29	22.85	-24.49	-0.35	59.60	-46.07	18.51	1.13	0.23	0.21	0.43	0.28	0.19	
Density											0.04	0.09	0.15	0.22	0.36	0.51

Below the table is a series of color patches and a table of colorimetric data for patches 16 through 30.

Patch	16(M)	17	18(B)	19	20	21	22	23	24	25	26	27	28	29	30
L*	49.25	38.62	28.86	16.19	8.29	3.44	31.41	72.46	72.95	29.37	54.91	43.96	82.74	52.79	50.87
a*	-0.16	-0.18	0.54	-0.05	-0.81	-0.23	20.98	-24.45	16.83	13.06	-38.91	52.00	3.45	50.88	-27.17
b*	0.01	-0.04	0.60	0.73	0.19	0.49	-19.43	55.93	68.80	-49.49	30.77	30.01	81.29	-12.72	-29.46





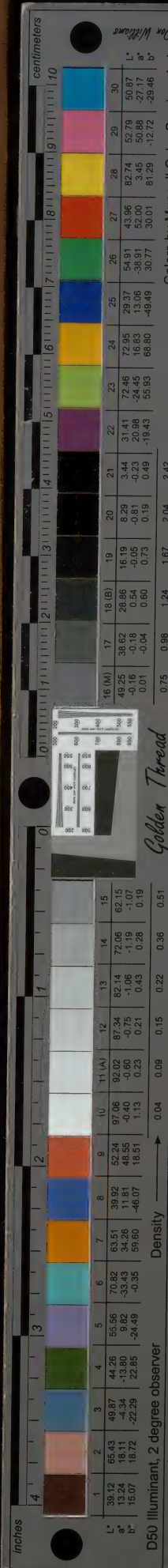


## ALPHABETICAL INDEX.

63

Rural architecture	It 2	728	Scandinavia	Ur, <i>Ud 7</i>	948
" cemeteries	Iu 12	719	Scandinavian language	Oa 2	498
" life	Iu 12	390, 630, 710	" literature	Yk 4	898
" sports	Ix 1	796	" poetry	Od 6	898
Russia	Ud 7, Uq	947	Scepticism	Af	211
geography	Ub	914, 915	Schelling's philosophy	Ia	193
history	Uq	947	Schleswig-Holstein	Ur	943
literature	Yk 6	897	Scholastic philosophy	Ia	198
poetry	Od 6	897	School and church	Ih	377
travels	Ud 7	914, 915	apparatus	Ih	377
Russia in Asia <i>Uq 2</i>	Ud 11 +	915, 957	architecture	It 8	727
Russian America	Uy 8	977	Schools	Ih 2	378
" language	Oa 2	497	Bible in	Ih	372
<b>Sabbatarians</b>	An 1	289	common	Ih 2	378
Sabbath	An 1	263	industrial	Ih 2	610
" reform	An 1	263	medical	In 9	355
" schools	Ao 15	268	military	Ih 2	359
Sacraments	Ag, Al	264, 265, 282	naval	Ih 2	372
Sacred biography	Ad	922	of art	Is 10	707
" history	Ad	270	of painting	Is 10	753-756
" music	Is 7	783	Sunday	Ao 15	268
" poetry	Ai	811, 821, etc.	Schopenhauer's philosophy	Ia	193
" rhetoric	Am	251	Science and religion	Af 1	256
Sacrifices	Ae	221	and revelation	Af 1	215
Saddlery	Iu 8	685	biography of	Uz 1	925
Sagas	Aq 3, Ur	898	mental	Ic	150
Sahara	Ud 12	551, 916	moral	Ig	170
Sailing directions	Ub 10	656	Natural	Ik	500
Sailors	Ih 1, Up 8, Uy 14	387	of religion	Aq 1	201
St. Domingo	Uy 9iv	979	Sciences and arts	I	500, 600
St. Helena	Ud 12iv, Uv 3	997	Scientific education	Ih	507
St. John, Knights of	Uh 3 +	271	institutions	Iy	378
Saints	Ao 13	922	men, lives of	Uz 1	925
" lives of	Ao 13	922	periodicals	Iz	
Sale catalogues of books	Yc	17, 18	schools	Ih 2	378
Salt manufacture	Iu 10	664	societies	Iy	506
Salvation	Al	234	transactions	Iy	505
Sandwich Islands	Ud 3, Ux 5	997	travels	Il 1	508
Sanitary commissions	Ii 7	364	Scotch churches	Ao 4	284
" " U. S.	Uy 5	361	language	Oa 2	496
" legislation	In 7	614	literature	Yk 6	820, 896
" measures	In 7	614	music	Is 7	780
Sanskrit language	Aq 4, Oa 2	494	philosophy	Ia, Ic	191
Sardinia	Uu	945	poetry	Od 2	821, 896
Satan	Al, Ic	235	Scotland	Uc 2, Ud 9, Up 2	941
Satire	Ob	817	antiquities	Up 2 +	941
Savings banks	Ii 2	332	history	Up 2	941
Saxon language	Oa 2	429	geography	Uc 2	914
Saxons	Up 1 +, Us	943	travels	Ud 9	914
Saxony	Us	914, 943	Scottish poetry	Od 2	821
			Screw propulsion	Iq, Iv	621, 699

&lt; laws Ih 2, Ef 2



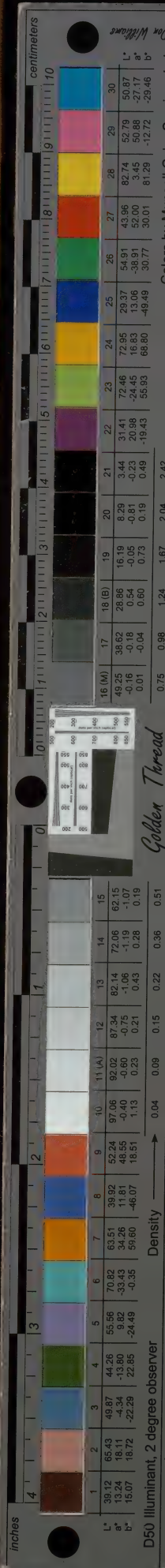
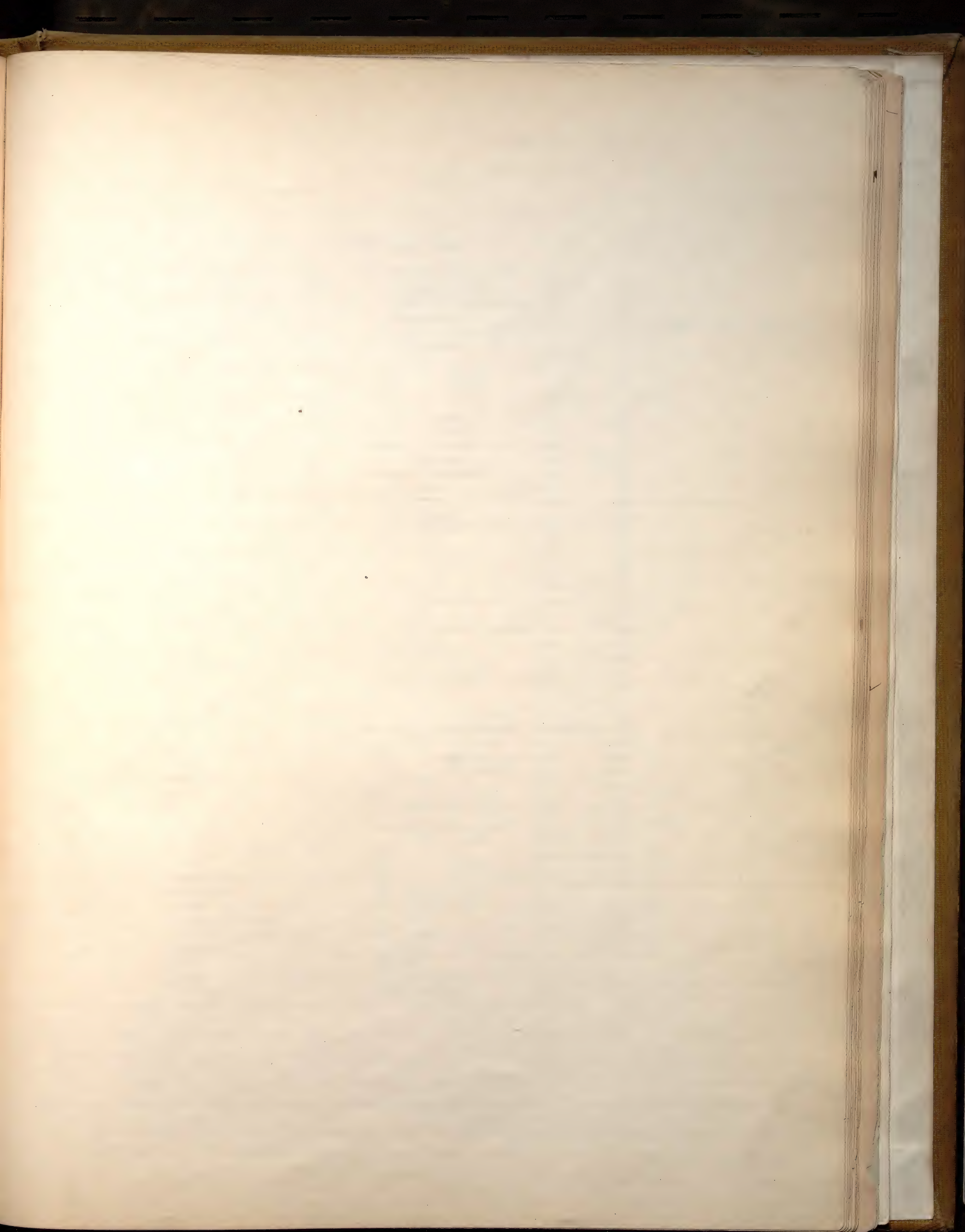


Scripture chronologies	A d	220	Shemitic languages	O a 2	493
“ commentaries	A e	220	Shetland islands	U c 2 $\Delta$	914, 941
“ concordances	A d	220	Ship-building	I v	699
“ dictionaries	A d	220	“ canals	I i 5	626, 387
“ harmonies	A d	220	Shipping and freighting	I i 3	385-7, 656
“ histories	A d	220	“ laws	E b	346
Scriptures	A c	220	Ships	I v	656, 699
Scrofulous diseases	I n 5	616	Shipwrecks	U d 5	913
Sculptors' lives	U 3 i $\Delta$	927	Shoemaking	I u 8	685, 675
Sculpture	I s 4	730	Shooting	I x 1	799
Sea fishery	I v 3	639	Short-hand	Y h	653
laws	E b	346	Shrubbery	I u 12	716
Seal engraving	I s 4	736	Shrubs	I l 5 +	715
Seamanship	I v	656, 527	Siam	U x 3	959
Secession	U b 6 +, U y 5	342	Siberia	U d 11 +, U q 2	957
Second advent	A l	236, 289	Sibylline books	A q 2 +	292, 937
“ Empire	U v 6	944	Sicily	U u 4	945
“ sight	I e 4	133	Sick-room	I n 3	649
“ war with G. Britain	U y 4	942, 973	Sieges	I w 1	355, 623
Secret societies	U i	366	Sierra Leone	U d 6, U s 10	916, 966
Sects, Christian	A o 11	280	Sight	I r	535
Secular education	I h	377	“ diseases	I n 5	613
Self-education	I h 4	374	Signals	I k 3	654
Semitic languages	O a 2	493	Sign painting	I u 10	698
“ literature	A n, Y k	893	Silk culture	I u 14	638
“ poetry	A n, O d 6	893	“ manufacture	I u 14	677
Sensation	I c	152	“ worm	I u 14	638, 595
Sensational psychology	I c	145	Silver metallurgy	I u 4	549
Sense	I c	152	“ mining	I l 4	628
Sepoy war	U x 3 iv	942, 954	“ money	I i 2	332
Sepulchres	U f 9	718	Simony	E d	270
Sepulture	I n 7	614	Sin	A l	233
Sermons	A m	252-259	Singing	I s 7 +	784
Serpent worship	A q 1	299	Sintooism	A q 6	294
Serpents	I l 6	598	Sisters of Charity	A o 15 +	271
Servants	I u 17	647	“ Mercy	A o 15 +	362
Servia	U s 1	949	Skating	I x 1	796
Service books	A g	244	Skepticism	A f	211
Sewerage	I n 7	614	Skin diseases	I n 5	616
Sewing	I u 17	687	Skys	U c 2 $\Delta$	941
“ machine	I u 17	687	Slander	E h, I g 1	177, 345
Sex in education	I h	376	Slang	O a 2	427, 437, etc.
“ nature	I g 2, I n 4	576	Slating	I t 3	695
Sexes	I g 2, I n 4	136	Slavery, American	I i 4, U y 2, 5, 6	326, 976
Sexual ethics	I g 2	176	“ and slave trade	I i 4	326
“ science	I n 1	618	Slavic language	O a 2	497
Shades and shadows	I s 1	744	“ literature	Y k 6	897
Shakers	A o 11	289	“ poetry	O d 6	897
Shakesperiana	O e 2 +	822	Sleep	I e 4	135
Sheep	I u 13	636	“ walking	I e 4	135
Shells	I l 6	594			
“ fossil	I l 2	564			

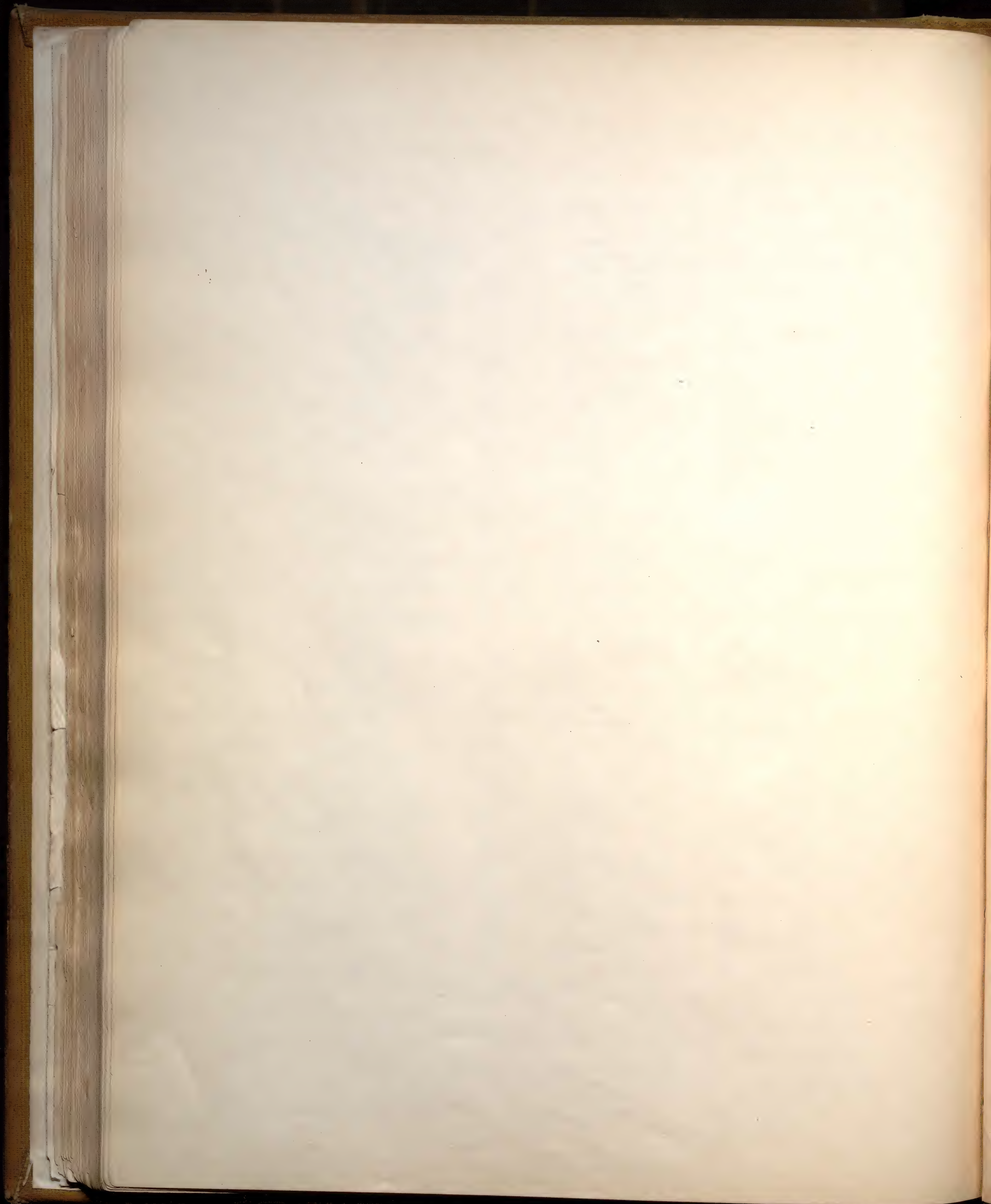
*Shelley Society, O m 2 +*

*Signal Service I k 3*











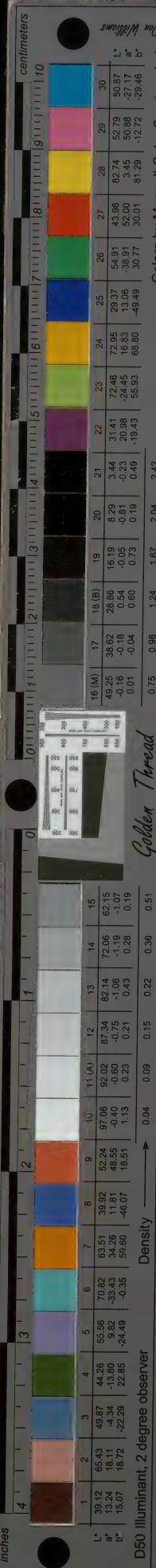
## ALPHABETICAL INDEX.

65

Smallpox	In 5	614, 616	South America travels	Ud 13+	918
Soap-making	Iu 10	664	South Carolina	Uy 8	976
Social ethics	Ig	177	South Kensington Museum	Iu 16	506
“ organization	Ii	360	South Sea	Ud 3	999
“ science	Im 3	300	Southern States	Uy 8	976
“ worship	Ao	247	Sovereigns	Uz 5 note	923
Socialism	Ii 1	335	Spain	Ud 8, Uw	946
Societies, benevolent	Ii 7	361	“ Arabs in	Ux 6+	946
“ fine arts	Is	706	“ church in	Ao 11 v,	
“ history	Uy 8, etc.	906	“	Ao 2	274
“ literature	On	806	“ geography	Ub	914
“ natural science	Iy	506	“ history	Uw	946
“ philology	Oa	406	“ travels	Ud 8	914
“ philosophy	Iy	106	Spanish art	Is 10	709, 946
“ science	Iy	506	dictionaries	Oa 2	463
“ secret	Ui	366	drama	Oe 6	862
“ sociology	Im 3	306	fiction	Of 6	863
“ theology	Ao 15	206	language	Oa 2	460
“ useful arts	Iu	606	literature	Yk 6	860
Society	Ig, Ii	177	music	Is 7	780
Socinians	Ao 8+	273	philosophy	Ia 1	196
Sociology	Im 3	300	poetry	Od 6	861
Socratic philosophy	Ia	183	Speakers	Ob 1	815, 825, etc.
Soils	Iu 11	631	Specie payment	Ii 2	332
Solar system	Ip	523	Species	Il 7	570, 590
Soldiers	Iw, Up 8,		Specifications for building	It	692
“	Uy 14	355	Spectres	Ie 3	133
Solitude	Ig 1	171	Spectroscope	Ir 1	535
Somnambulism	Ie 4	135	Spectrum analysis	Ik 6	544
Songs	Od 2+	784	Speech, organs of	In 1	611
“ & ballads, English		784, 821	Speeches	Oe	815, 825, etc.
“ with music	Is 7 Δ	784	“ collections of	Oe	815
Sonnets	Od 2, 3, etc.		Spencer, philosophy of	Ia, Im 3	192
	811, 821, etc.		Spherical astronomy	Ip	521
Sophist philosophy	Ia	183	“ geometry	Io 2	513
Sorcery	Ie 3	133	“ trigonometry	Io 2	514
Soteriology	Al	234, 613	Spiders	Il 6	595
Soudan	Ud 12 □	916, 966	Spinoza's philosophy	Ia	147
Soul	Al, Ie	233	Spiritualism, modern	Ie 4	133
Sound	Ir	534	Spontaneous generation	Il 7	577
South Africa	Ud 12 Δ,		Sporting anecdotes	Ix 1+	796
	Ux 11	968	“ guns	Ix 1	683, 799
botany	Il 1	586	“ magazines	Ix 1+	796
geography	Ub, Ub 4	916	“ tours	Ix 1+	796
South America	Uy 11	980	Sports and games	Ix	796
botany	Il 1	588	athletic	Ix 1	796
customs and costumes	Uf 9	398	field	Ix 1	796
ecclesiastical history	Ao 2	278	parlor	Ix 2	793
geography	Ub, Ub 5	918	Stables	It 2	636
geology	Il 3	558	Stage	Oe	792
history	Uy 11	980	Stained glass	Iu 9	745
statistics	Uc 6	318	Stairbuilding	It 4	694

South Sea Ce. 11' 3 Δ

Solitary confinement &amp; h





Stammering	I <del>n</del>	616	Stringed instruments	Is 7 vi	787
Stamps	Yg 5	383	Stuarts	Uh 2	923, 941-2
Standing army	Ii —	355	Study, methods of	Ih 4	371
Starch manufacture	Iu 10	664	Stuttering	Ir	616
Stars	Ip	523	Sublime and beautiful	Is, Ob	701
State	Ii	320	Submarine armor	Iv 2	627
“ ethics	Ig	172	“ telegraph	Ik 2	384
“ papers	Uy 7, etc.,		Succession	Ii	323
	Up 5	328	Suez Canal	Ux 4 +	386, 662
“ rights	Uy 6	342	Suffrage	Ii	324
“ trials	Ek 1	345	Sugar-cane	Iu 11	633
States of the Church	Uu 2	914, 945	“ manufacture	Iu 15	664
States, the several	Uy 8	974-977	Suicide	Ig 1, In 8	131
Statesman Year book	<del>Ip 1</del> 00	310	Sumatra	Ud 11, Ux 3	992
Statesmen, lives	Uz 1	923	Summer-houses	It 2	717
Statics	Iq	531	Sun	Ip	523
Statistical methods	Uc	311	Sunda	Ud 11	992
Statistics	Uc	310	Sunday	An 1	236
Statuary	Is 4	730	“ laws	An 1	263, 342
Statute law	Ef	343	“ schools	Ao 15	268
Steam-engine	Iq	621	Supernaturalism	Ie	133
“ fitting	Iq, It 5	696	Superstition	Aq, Ie	133
“ navigation	Iv	527, 656	Surgery	In 4	617
“ transportation	Ii 6, Iv	385, 656	Surnames	Uh 2	929
Steel	Iu 3	669	Surveying	Io 2	622
“ engraving	Is 3	762	Susceptibility	Ic	157
Stenography	Yh	653	Sweden	Ud 7, Ur	948
Stereoscopes and views	Ir 1, Is 5	776	Swedenborg	Ie	289, 922
Stereotyping	Yg	655	Swedenborgians	Ao 11	289
Stethoscope	In 3	616	Swedish language	Oa 2	498
Stewart's philosophy	Ic	191	literature	Yk 4	898
Stigmata	Ie 3	133, 282	poetry	Od 6	898
Stills	Iu 10 +	663	Swimming	Ix 1	796
Stimulants	Ig 5, In 2 +	178, 615, 663	Swine	Iu 13	636
and narcotics	In 2 +	615	Switzerland	Ud 8, Uu 1	949
ethics of using	Ig 5	178	“ history	Uu 1 +	949
Stipple engraving	Is 3	765	“ travels	Ud 8	914
Stock, live	Iu 13	636	Syllogism	If	160
Stocks	Ii 2	333	Symbolism	Aq 1	219
Stoic philosophy	Ia 1	188	Synonyms, English	Oa 2	424
Stomach diseases	In 5	616	“ French	Oa 2	444
Stone age	Uf 1	571	“ German	Oa 2	434
Stone-cutting	Is 4	693, 736	“ Greek	Oa 1	484
Stoneware	Iu 9	673	“ Italian	Oa 2	454
Storms	Ik 3	551	“ Latin	Oa 1	474
Stoves	It 5, 644, 672, 697		“ Spanish	Oa 2	464
Strategy	Iw	355	Syphilis	In 5	616
Strawberries	Iu 11 +	634	Syria	Ud 10 +	956
Strength of materials	Ii 5	531, 621, 624, 691	Syriac language	Oa 2	493
Strikes	Ii 1	331, 367	Syro-Chaldaic	Oa 2	493
			Systematic botany	Il 5	582
			“ theology	Al	230

*Surters Docy, 11th*

*Symms' Hole Ud 3 +*





Color calibration chart and ruler.

**Inches**

0 1 2 3 4

**Centimeters**

0 1 2 3 4 5 6 7 8 9 10

**Golden Thread**

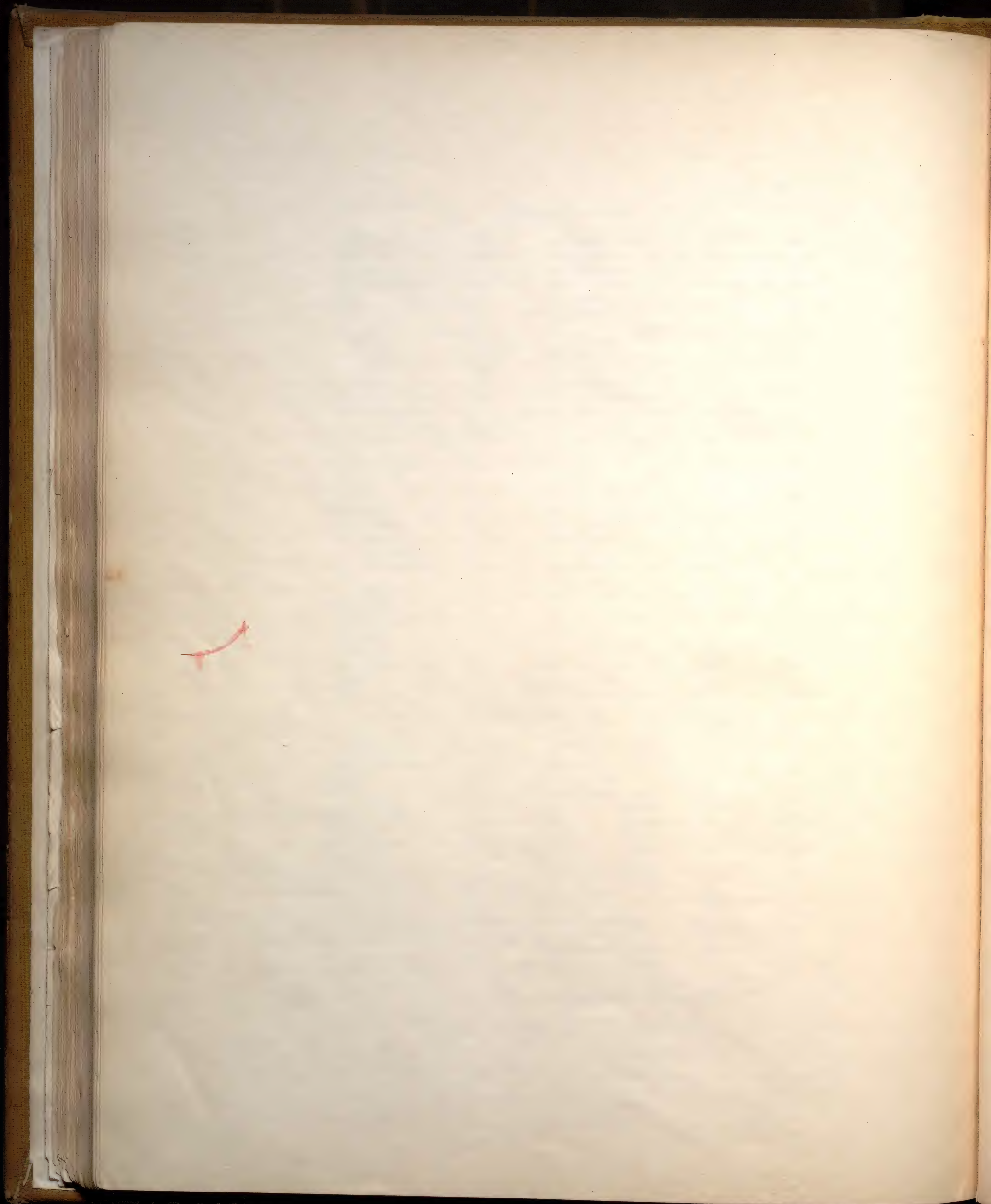
D50 Illuminant, 2 degree observer

	1	2	3	4	5	6	7	8	9	10	11 (A)	12	13	14	15
L*	39.12	65.43	49.87	44.26	55.56	70.82	63.51	39.92	52.24	97.06	92.02	87.34	82.14	72.06	62.15
a*	13.24	18.11	-4.34	-13.80	9.82	-33.43	34.26	11.81	48.55	-0.40	-0.60	-0.75	-1.06	-1.19	-1.07
b*	15.07	18.72	-22.29	22.85	-24.49	-0.35	59.60	-46.07	18.51	1.13	0.23	0.21	0.43	0.28	0.19
Density	→ 0.04 0.09 0.15 0.22 0.36 0.51														

	16 (M)	17	18 (B)	19	20	21	22	23	24	25	26	27	28	29	30
L*	49.25	38.62	28.86	16.19	8.29	3.44	31.41	72.46	72.95	29.37	54.91	43.96	82.74	52.79	50.87
a*	-0.16	-0.18	0.54	-0.05	-0.81	-0.23	20.98	-24.45	16.83	13.06	-38.91	52.00	3.45	50.88	27.17
b*	0.01	-0.04	0.60	0.73	0.19	0.49	-19.43	55.93	68.80	-49.49	30.77	30.01	81.29	-12.72	-29.46

Colors by Munsell Color Services Lab



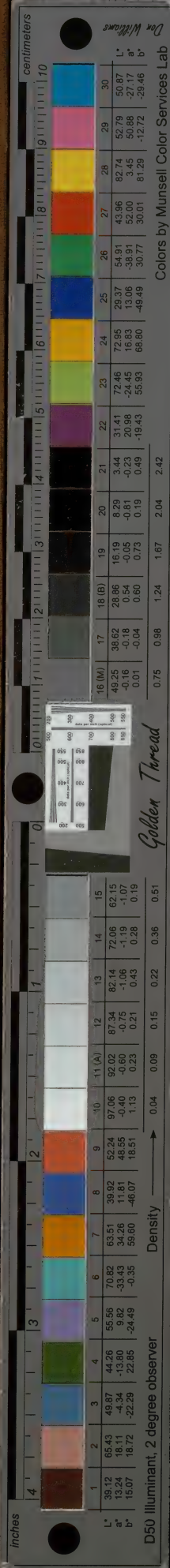




## ALPHABETICAL INDEX.

67

<b>Tableaux</b>	I x 2	791	Theatres, ethics	I g 4	175
Table and parlor games	I x 2	793	Theatricals, private	I x 2	792
Tables, dining	I t 6	643	Theft	E h	345
" mathematical	I o 3	514	Theism	A b	211
Table talk	O g 1	819, 829, etc.	Theodicy	A l	231, 214
Tachygraphy	Y h	653	Theologians	A k	922
Tactics	I w	355	Theological essays	A l	204
Tailoring	I u 10	687	" schools	I h 2	207
Tales	O f	813, 823, etc.	<b>THEOLOGY</b>	A	200
Talmud	A n	296	" biography of	A o 14	922
Tanning	I u 8	675	" devotional	A g, A h	240
Tauism	A q 6	294	" doctrinal	A l	230
Tapestry	I u 5	747	" natural	A b	210
Tariffs	I i 3+, U y 7 Δ	337	" pastoral	A l	250
Tartary	U d 11 Δ, U x 13		" practical	A l	240
		951, 959	" systematic and		
Taste and criticism	O b	701	polemic	A l	230
Taxation	I i 2	336	Theoretical astronomy	I p	521
Taxidermy	I l 6	579	" chemistry	I k 4	541
Tea cultivation	I u 11	633	" ethics	I g	171
Teachers and teaching	I h	371	Therapeutics	I n 3	615
Technical dictionaries	I u		Thermometers	<b>1 k 3</b>	536
See also names of subjects.			Thibet	U d 11 Δ	951
Technology	I u	S	Thirty-nine articles	A g 2	283
" chemical	I k 5	660	Thirty years' war	U s	943
Teeth	I n 4+	611, 617	Thomsonianism	I n 3	615
Tehuantepec	U d 13 Δ, U y 10		Thought	I c	153
		978	Throat diseases	I n 5	616
Telegraph		384	Thunder	I k 3	537
Telegraphy	I k 2	654	Tides	I p	521
Telephones	I k 2	384, 654	Tiles	I t 3	695
Telescope	I p	522, 535	Tiling	<b>9 k 3</b>	695
Temperaments	I d	137	Timber	I t 4	691
Temperance	I g 5	178	Time standard		529
Temperature	I k 3	536, 551	" tables	<b>I i 6</b>	385
Templars	U h 3+	366	Tin manufacture	I u 4	671
Tennessee	U y 8	976	" mineral	I l 4	549
Terra cotta	I u 9	738	Tithes	E d	336
Territories, U. S.	<b>I</b> U l 3, U y 8	917, 977	Titles of honor	U h	929
Testacea	I l 6	594	Tobacco	I n 2+	178, 615,
Testament, New	A c 5	225			633
" Old	A c 3	221	Toilet arts	I u 17	646, 390
Testamentary law	<b>E e</b>	349	Toleration, religious	A a	272
Testimony	E a	349	Tolls	I i 5	336
Texas	U y 8	976	Tombs	I s 4, U f 9	718
Textile fabrics	I u 5	677	Topographical engineering	I i 5	622
Texts	O m 2+	428, 438, etc.	Topography	U c	910
" comparative		418	Torpedoes	I v 2	662
Thames	U c 3+	914	Total abstinence	I g 5	178
Thanksgiving	A g, A h	244	Toxicology	I n 2+	615
Theatres	O e	792	Tract society	A o 15	362
			Tractarianism	A o 3	244, 283



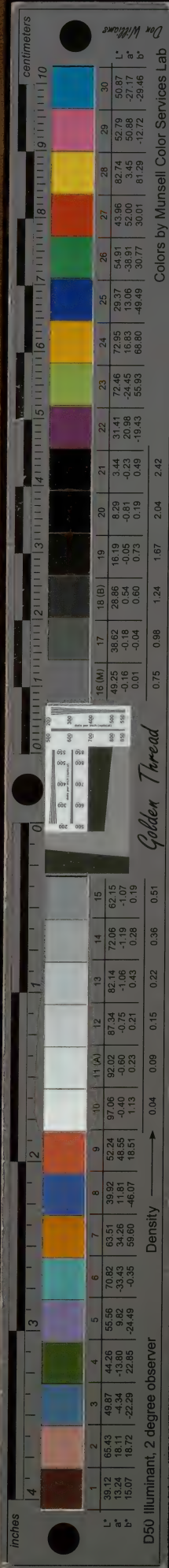


Trade	Ii3	380	Turkey, travels	Ud10	914-5
Trade lists of books	Yc	18	Turkish baths	In7	613
Trade marks	Iu	608	“ language	Oa2	499
Trades, mechanic	Iu10, etc.	680	“ literature	Yk6	
“ unions	Ii1, Ii3△		Turkistan	Ud11△	915, 959
	367, 606, 331		Turning	It4	674
Tragedies	Oe 812, 822, 832, etc.		Tuscany	Uu	945
Training, physical	In7	613	Two Sicilies	Uu4	914, 945
Tramways	Ii6	385, 388	Type founding	Yg	671
Transactions	Iy 106, 206, 306, etc.		Typography	Yg	655
Transcendentalism	Ic	142	Tyrol	Uu1	943
Translating, art of	Ob2	815, 410	<b>Understanding</b>	Ic	153
Translation, Greek authors	Od1, Oe1, etc.	880	Uniforms	Iw1	355
“ Latin authors	Od1, Oe1, etc.	870	Unitarians	Ao8	288
Transportation	Ii5	380, 656, 345	United Service journals	Up8, Uy14	355
Transubstantiation	Al1	282	United States	Uy2	324, 973
Transylvania	Us1	943	antiquities	Uf8	974, 571
Trapping	Ix1	639	botany	Ii5	587
Travellers, lives of	Uz1	920	customs and costumes	Uf9	397
manuals for	Ud	910	directories	Uc7	917
Travelling, art of	Ud	913	ecclesiastical history	Ao	277
Travels	Ud	910	fine arts	Is10	709
“ collections of	Ud1	913, S	gazetteers	Ub	917
“ general modern	Ud2	913	geography	Ub, Ub6	917
“ scientific	Ii1	508	geology	Ii3	557
Treason	Eh	345	government	Uy7	324, 973
Treasury	Uy7△	352	history	Uy2	973
Treaties	Ec	341	literature	Yk2+	820
Trees	Ii5+, Iu11+	580	poetry	Od2v	821
“ ornamental	Iu12	715	statistics	Uc6	317
Trespass	Eh	345	travels	Ud13	917
Trials	Ek	340	Unity of human race	Im	572
“ by court martial	En1	347	Universal History	Ue	909
“ civil	Ek2, 3	348	“ language	Oa	408
“ criminal	Ek1	345	Universalism	Ao8	288
“ ecclesiastical	Ek4	348	Universities	Ih2	378
Trigonometry	Io2	514	University education	Ih	373
Trilobites	Ii6	565	Upholstering	It6	645
Trinity	<del>Al</del>	232	Uruguay	Uy11△	989
Tripoli	Ux9	961	Useful arts	Iu	600
Troubadours	Od3+	449, 841	biography of	Uz1	926
Trunk-making	Iu10	685	Useful knowledge, collec-		
Trusts and trustees	<del>Ec</del> <i>Ee</i>	344	tions of	Ib	602
Tungusic language	Oa2	499	Usury	Ii2	334
Tunis	Ux9	961	Utah	Ao9	977
Tunnels	Ii5	625	<b>Vaccination</b>	In5	616
Turkey	Ud10, Ux1	949	Van Dieman's Land	Ud4	919, 993
“ geography	Ub	914-5	Vases	It6+	738
“ history	Ux1	956	Vaudois	Ao11, Uu	272, 949
“ in Asia	Ud10, Ux1	956	Vedas	Aq4	294, 894
			Vegetable physiology	Ii5	581
			“ practice	In3	615

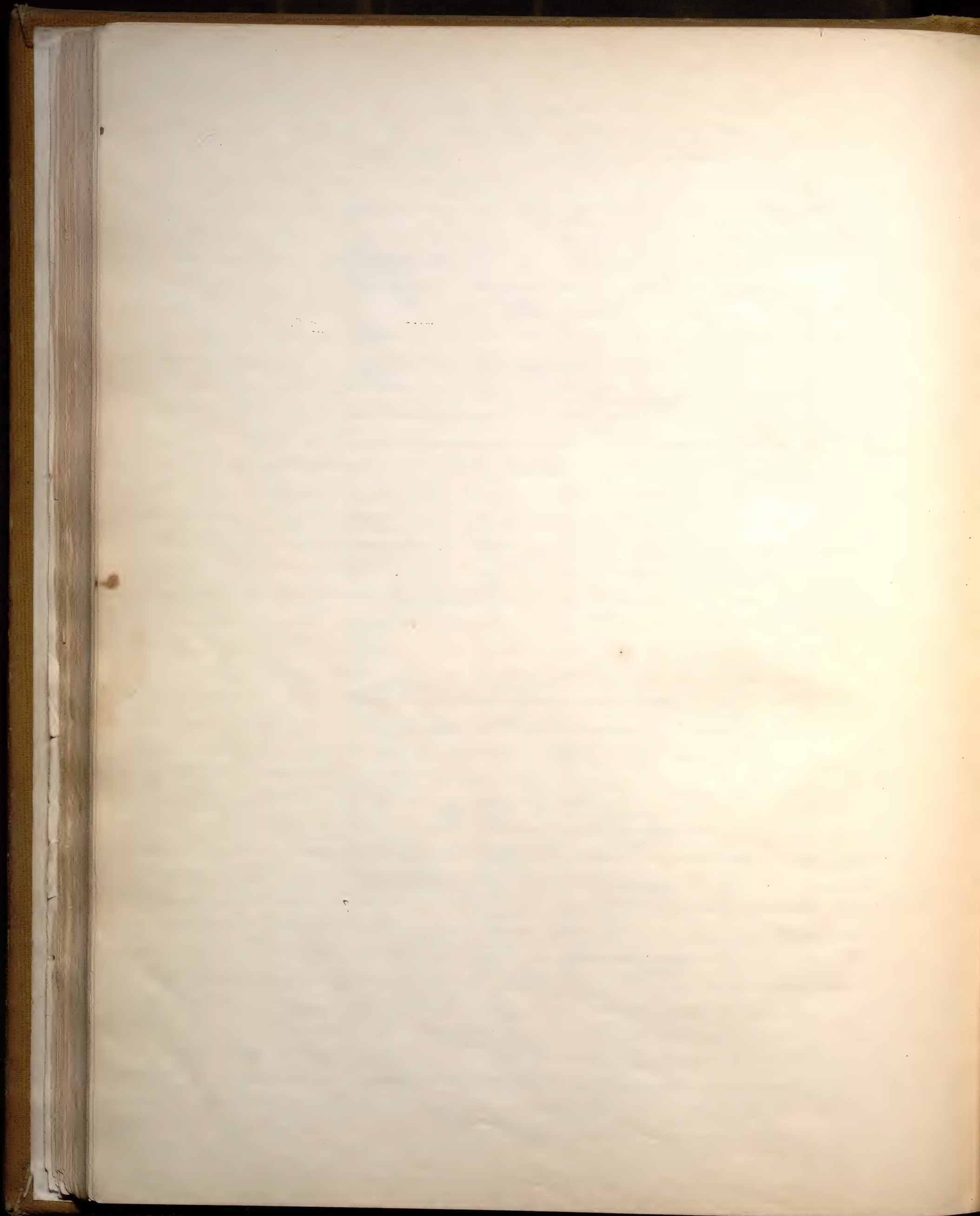
*Union League N.Y.S.*



Valerictus, medical Ling









## ALPHABETICAL INDEX.

69

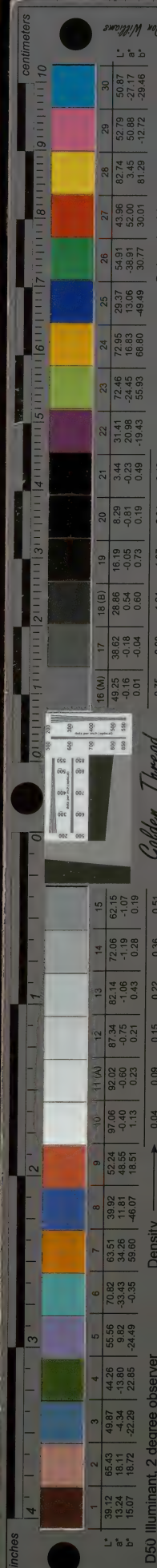
Vegetables	Iu 11	635	War of 1812	Uy 4	973
Vegetarianism	In 7	613	War science	Iw	355-359
Venereal diseases	In 5	616	Warehouses	Ii 3	380
Venezuela	Ud 13+, Uy 11	987	Warming	It 5	697
Venice	Uu 3	945	Washing	Iu 17	648
Ventilation	It 5	697	Washington City	Uy 7, 11	917, 976
Ventriloquism	Ix 2	133	" Territory	Uy 8	977
Vermont	Uy 8	974	Watch-making	Iu 6	681
Versification	Od	811	Water	Ii 2+	714, 551, 532
Vertebrates	Ii 6	596	" analysis	Ii 2+	543
" palaeontology	Ii 2	566	" artificial ponds, etc.	Iu 12	714
Veterinary medicine	Iu 13	619	" colors	Is 2	751
Vices	Ig 1	170	" cure	In 3	615
Victoria in N. A.	Uy 9 viii	917, 971	" wheels	Iq	531, 621
" Queen	Up 7	923	" works	Ii 5	628
Views of buildings	It 7	769, 779	Watering-places	In 3, Ue 1	613
Villas	It 2	728	Waterloo	Iw 1+	942, 944
Vine culture	Iu 11+	634, 716-	Waters, mineral	Ii 2+	615
Vinegar	Iu 11+	717	Wax flowers	Is 4	745
Vineyards	Iu 11+	664	Wealth	Ii 1, Ii 2	331
Violin	Is 7 VI	787	Weather	Ik 3	551
Virginia	Uy 8	976	Weaving	Iu 5	677
Virtue	Ig, Ig 1	170	Wedding customs	Uf 9	390
Visible speech	Ir 2	414, 653	Weights and measures	Ii 3	389
Vision	Ih 3, In 5, Ir	535	Welsh bards	Up 3+	896, 928
Visions and dreams	Ie 4	135	" language	Oa 2	496
Vital principle	Ii 7	576, 612	West Indies	Uy 9	979
Vocal culture	Is 7+, Ob	784, 815	" Virginia	Uy 8	976
" music	Is 7+	784	West Point Registers	Uy 7+	355
" organs	In 1	611	Western Islands (Azores)	Ud 8+	919, 997
" diseases of	In 5	616	" States	Uy 2+	977
Voice	Ir, Is 7+	784	" Territories	Uy 2+	977
Volcanoes	Ii 2-	553	Whale	Ii 6	599
Voyages	Ud	910	" fisheries	Iv 3	639
" collected	Ud 1	913	Wheat	Iu 11	633
" general modern	Ud 2	913	Whigs and Democrats	Uy 6	324
" round the world	Ud 3	913	" English	Up 6	323
" scientific	Ii 1	913, 919	Whist	Ix 2	795
<b>Wages</b>	Ii 1	331	Will	Ic	159
Wakefulness	In 5	135	Wills	Ee, Ue, Uz, Uz 1	343
Waldenses	Ao 11, Un	272, 945	Wind instruments	Is 7 VI	788
Wales	Uc 2, Up 3	942	Window gardening	Iu 12	716
language	Oa 2	496	Winds	Ik 3, Ub 10	551
literature	Yk 6	896	Wine	Iu 11+	663
music	Is 7	780	Wisconsin	Uy 8	977
poetry	Od 6	896	Wit	Of 1	819, 829, 837, etc.
Walks	Iu 12	713	Witchcraft	Ie 3	133
Wallachia	Ux 1	914, 949	Wives	Ig 2	173, 176
Wallachian language	Oa 2	459	Wolff's philosophy	Ia 1	193
War Department	Up 8, Uy 7	355	Woman, education	Ih	376
War ethics	Ig 1+	172			

18

War, military law En

Wit and humor. Of 1

West Point Registers uy 14





Woman, ethics	Ig 1	173, 176, 177	Writing, short-hand	Yh	653
" law	<del>E1</del> <i>Ee3</i>	343	" machine		651
" social condition of	Ig 2	177	<b>Xylography</b>	Yg	655
" suffrage	Ig 2	324	<b>Yachting</b>	Iv 3	797
Women, diseases of	In 4	616	Year books	<del>E1</del> <i>Sp1</i>	313
" lives of	Uz 1	921-9	" " scientific	Iz	502
" morals for young	Ig 2	170	" " statistical	Oo	312, 313
Women's rights	Ig 2	324	Yellow fever	In 5	616
Wood engraving	Is 3	761	Young men's associations	Ao 15	362
" manufactures	Iu 10, <i>Aug</i>	674	Young women, morals of	Ig 2	170
Wool	Iu 13	636	Yucatan	Uy 10	917, 979
" manufactures	Iu 5	677	<b>Zend</b>	Oa 2	295
Working classes	Ii 1	331	Zend Avesta	Aq 5	295
Works, complete	Oi	810 8	Zodiac	Ip	521
World, Atlases of the	Ub	910	Zoölogy	<del>Ii 6</del> <i>Seb</i>	590
" voyages round	Ud 3	910	Zoöphytes	Il 6	593
Worship	Ag, <del>Al</del> <i>Ah</i>	246-248	Zoroaster	Aq 5	295
Wrecking and life-saving	Ud 5	656	Zulus	Ud 12, <i>Ux 11</i>	916, 968
Wrestling	Ix 1	796	Zunis		917, 973
Writing	Yg	651			

*Demosthenis Cyntherius u. u.*

## EXPLICIT TABULA.

*Yoga philosophy Ag 4*





Color calibration chart and ruler.

**Golden Thread**

**D50 Illuminant, 2 degree observer**

	1	2	3	4	5	6	7	8	9	10	11 (A)	12	13	14	15
L*	39.12	65.43	49.87	44.26	55.56	70.82	63.51	39.92	52.24	97.06	92.02	87.34	82.14	72.06	62.15
a*	13.24	18.11	-4.34	-13.80	9.82	-33.43	34.26	11.81	48.55	-0.40	-0.60	-0.75	-1.06	-1.19	-1.07
b*	15.07	18.72	-22.29	22.85	-24.49	-0.35	59.60	-46.07	18.51	1.13	0.23	0.21	0.43	0.28	0.19

Density → 0.04 0.09 0.15 0.22 0.36 0.51

**centimeters**

0 1 2 3 4 5 6 7 8 9 10

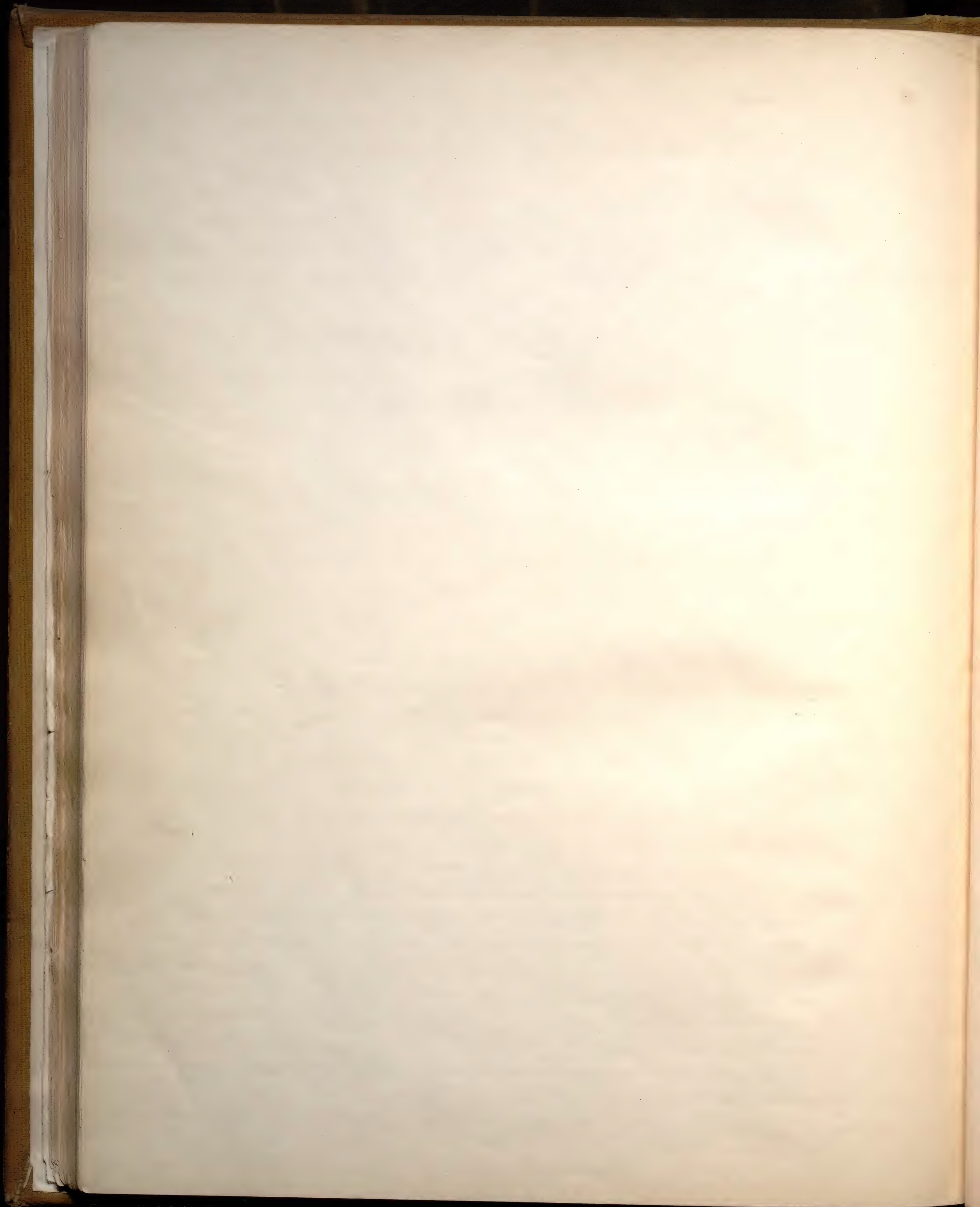
**inches**

0 1 2 3 4

	16 (M)	17	18 (B)	19	20	21	22	23	24	25	26	27	28	29	30
L*	49.25	38.62	28.86	16.19	8.29	3.44	31.41	72.46	72.95	29.37	54.91	43.96	82.74	52.79	50.87
a*	-0.16	-0.18	0.54	0.05	-0.05	-0.04	-0.16	-0.18	0.54	-0.05	-0.05	0.05	0.05	0.05	0.05
b*	0.01	-0.04	0.60	0.73	0.19	0.49	-0.19	-0.19	0.53	0.60	0.60	0.60	0.60	0.60	0.60

Colors by Munsell Color Services Lab







[illegible]









Color calibration chart and ruler.

**Golden Thread**

**D50 Illuminant, 2 degree observer**

Patch	1	2	3	4	5	6	7	8	9	10	11 (A)	12	13	14	15
L*	39.12	65.43	49.87	44.26	55.56	70.82	63.51	39.92	52.24	97.06	92.02	87.34	82.14	72.05	62.15
a*	13.24	18.11	-4.34	-13.80	9.82	-33.43	34.26	11.81	48.55	-0.40	-0.60	-0.75	-1.06	-1.19	-1.07
b*	15.07	18.72	-22.29	22.85	-24.49	-0.35	59.60	-46.07	18.51	1.13	0.23	0.21	0.43	0.28	0.19

Density → 0.04 0.09 0.15 0.22 0.36 0.51

Centimeters: 0 1 2 3 4

Inches: 0 1 2 3 4

Patch	16 (M)	17	18 (B)	19	20	21	22	23	24	25	26	27	28	29	30
L*	49.25	38.62	28.86	16.19	8.29	3.44	31.41	72.46	72.95	29.37	54.91	43.96	82.74	52.79	50.87
a*	-0.16	-0.18	0.54	-0.05	-0.81	-0.23	-0.04	-0.60	-0.75	-0.16	-0.18	-0.54	-0.05	-0.81	-0.23
b*	0.01	-0.04	0.60	0.73	0.19	0.49	-0.19	-0.49	-0.60	-0.16	-0.18	-0.54	-0.05	-0.81	-0.23

Colors by Munsell Color Services Lab



9 sheet



Departments in which the Library stands first in America  
Hymns & hymnology on authority of Rev. S.W. Cuffield  
Chaps

Index of the Cincinnati  
Zoological Reports

Catalogue

Egyptian antiquities

Regimental histories?

Views in Cuba

Show case of illuminated Mss

County maps of U.S.

Admiral McCauley

Col. Nicholson

" Schaff

Dr Isaac H. Hall

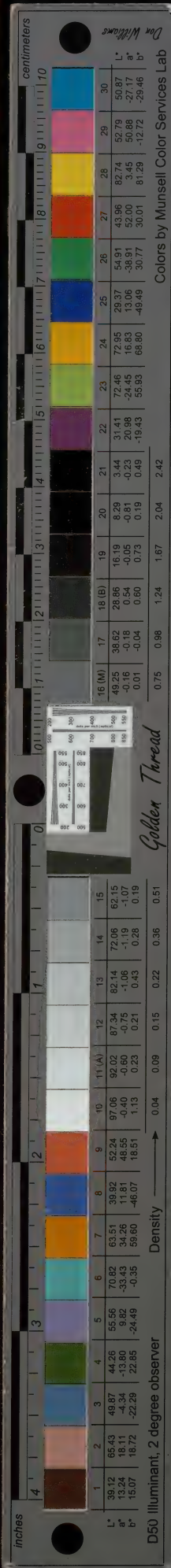
Smith, map publisher

very high

Musical

Dr Dwight said we did not appreciate the value  
of our musical dept. 2 vols he would give \$1000. for

Americana





Handwritten text at the top of the page, possibly a title or header.

Handwritten text in the upper right section.

Handwritten text in the middle left section.

Handwritten text in the middle right section.

Handwritten text in the lower left section.

Handwritten text in the lower right section.

Handwritten text at the bottom right of the page.



73. Edward Pickett  
74 P.R. Treas  
75 Col. J. M. Nicholson  
76 Richard Vaux

bound 77 Edw. S. Buckley  
" 78 J. M. J. Montgomery

" 79 Col. M. L. Minton  
" 80 Dr. Minton

81 Dr. A. Milder

82 Hon. J. M. Dean

83 Lafayette Thomas

84 Rev. J. Duer

85 Rev. J. M. Lundy

86 David Lewis

87 Com. McCauley

88 Rev. C. J. Wood

89 Balch

90 Lyman A. Grabee

91 Edgar C. C. C.

92 J. H. Rosenfanten

93 Rev. Wood

94 Bennett Baird

95 Athenian

96 Academy

97 Spectator

98 Saturday Review

99 Prof. Max Müller

100 Col. Russell

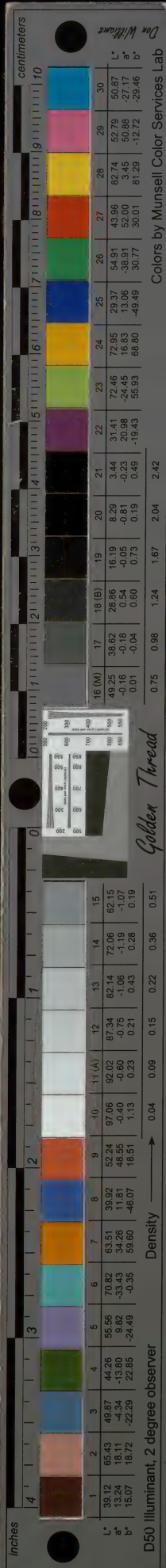
101 Henry C. Lea

102 J. D. Lippant

103 Social Science Club

104 John Drake

105 H. S. Olcott





8-194

31. M. D. Evans  
32. Mott Cones  
33. Dr. Dean NY  
34. " " Phil  
35. Henry Thomas London  
36. Prof. Sayce Oxon  
37. W. H. Hudson, Boston  
38. Action, N. Y.  
39. American Phil  
40. Albanus L. Smith  
41. " C. Lofan  
42. Chas. Cutter Bnto  
43. Mercantile Library  
44. Bibliothèque Nat.  
45. Dr. B. Perkins  
46. Dr. C. Williams  
47. Mrs. Boyer  
48. Grand Library, Ser.  
49. Nat. Club  
50. Union League  
51. Geo. W. Carr  
52. Miss McClellan  
53. Historical Socy  
54. Museum Science History  
55. Acad. Nat. Sciences  
56. Henry Phillips Jr  
57. Westmoreland Row  
58 to 70 Directors  
71. George L. Child  
72. W. C. McKean





Color calibration chart and ruler.

**inches** 4 3 2 1 0

**centimeters** 10 9 8 7 6 5 4 3 2 1 0

**D50 Illuminant, 2 degree observer**

	1	2	3	4	5	6	7	8	9	10	11 (A)	12	13	14	15
L*	39.12	65.43	49.87	44.26	55.56	70.82	63.51	39.92	52.24	97.06	92.02	87.34	82.14	72.05	62.15
a*	13.24	18.11	-4.34	-13.80	9.82	-33.43	34.26	11.81	48.55	-0.40	-0.60	-0.75	-1.06	-1.19	-1.07
b*	15.07	18.72	-22.29	22.85	-24.49	-0.35	59.60	-46.07	18.51	1.13	0.23	0.21	0.43	0.28	0.19

Density → 0.04 0.09 0.15 0.22 0.36 0.51

**Golden Thread**

	16 (M)	17	18 (B)	19	20	21	22	23	24	25	26	27	28	29	30
L*	49.25	38.62	28.86	16.19	8.29	3.44	31.41	72.46	72.95	29.37	54.91	43.96	82.74	52.79	50.87
a*	-0.16	-0.18	0.54	-0.05	-0.81	-0.23	20.98	-24.45	16.83	13.06	-38.91	52.00	3.45	50.88	27.17
b*	0.01	-0.04	0.60	0.73	0.19	0.49	-19.43	55.93	68.80	-49.49	30.77	30.01	81.29	-12.72	-29.46

Colors by Munsell Color Services Lab

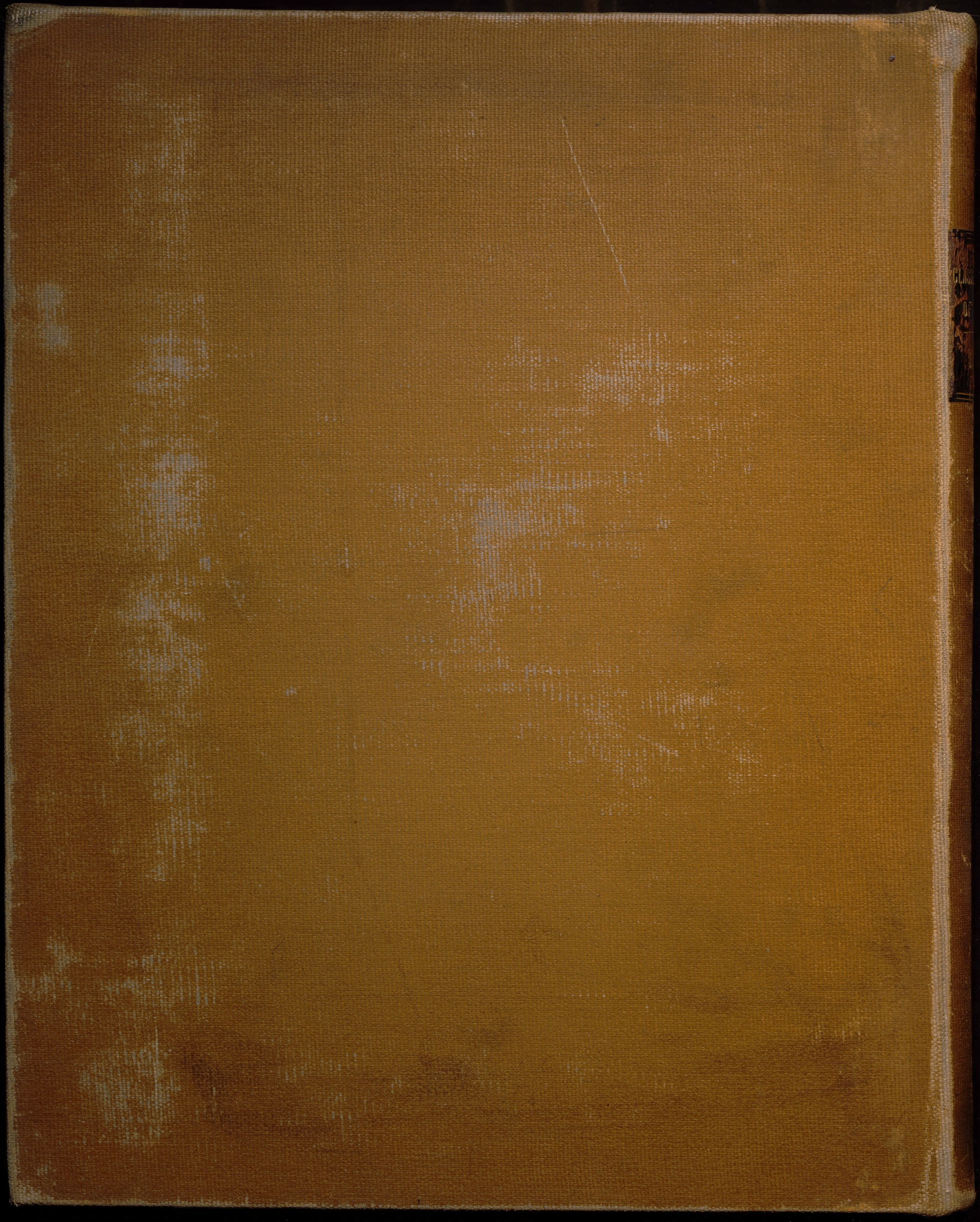












centimeters 10

0 1 2 3 4 5 6 7 8 9 10

inches 4 3 2 1 0

0 1 2 3 4 5 6 7 8 9 10

16 (M) 17 18 (B) 19 20 21 22 23 24 25 26 27 28 29 30

	1	2	3	4	5	6	7	8	9	10	11 (A)	12	13	14	15
L*	39.12	65.43	49.87	44.26	55.56	70.82	63.51	39.92	52.24	97.06	92.02	87.34	82.14	72.06	52.85
a*	13.24	18.11	-4.34	-13.80	9.82	-33.43	34.26	11.81	48.55	-0.40	-0.60	-0.75	-1.06	-1.19	-1.07
b*	15.07	18.72	-22.29	22.85	-24.49	-0.35	59.60	-46.07	18.51	1.13	0.23	0.21	0.43	0.28	0.19

Density → 0.04 0.09 0.15 0.22 0.36 0.51

D50 Illuminant, 2 degree observer

Golden Thread

Colors by Munsell Color Services Lab

Don Williams

	1	2	3	4	5	6	7	8	9	10	11 (A)	12	13	14	15
L*	38.12	65.43	49.87	44.26	55.56	70.82	63.51	39.92	52.24	97.06	92.02	87.34	82.14	72.06	52.85
a*	13.24	18.11	-4.34	-13.80	9.82	-33.43	34.26	11.81	48.55	-0.40	-0.60	-0.75	-1.06	-1.19	-1.07
b*	15.07	18.72	-22.29	22.85	-24.49	-0.35	59.60	-46.07	18.51	1.13	0.23	0.21	0.43	0.28	0.19



CLASSIFICATION  
OF BOOKS  
SMITH

1832





25090 0

Inches

4 3 2 1 0

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

33

34

35

36

37

38

39

40

41

42

43

44

45

46

47

48

49

50

51

52

53

54

55

56

57

58

59

60

61

62

63

64

65

66

67

68

69

70

71

72

73

74

75

76

77

78

79

80

81

82

83

84

85

86

87

88

89

90

91

92

93

94

95

96

97

98

99

100

101

102

103

104

105

106

107

108

109

110

111

112

113

114

115

116

117

118

119

120

121

122

123

124

125

126

127

128

129

130

131

132

133

134

135

136

137

138

139

140

141

142

143

144

145

146

147

148

149

150

151

152

153

154

155

156

157

158

159

160

161

162

163

164

165

166

167

168

169

170

171

172

173

174

175

176

177

178

179

180

181

182

183

184

185

186

187

188

189

190

191

192

193

194

195

196

197

198

199

200

201

202

203

204

205

206

207

208

209

210

211

212

213

214

215

216

217

218

219

220

221

222

223

224

225

226

227

228

229

230

231

232

233

234

235

236

237

238

239

240

241

242

243

244

245

246

247

248

249

250

251

252

253

254

255

256

257

258

259

260

261

262

263

264

265

266

267

268

269

270

271

272

273

274

275

276

277

278

279

280

281

282

283

284

285

286

287

288

289

290

291

292

293

294

295

296

297

298

299

300

301

302

303

304

305

306

307

308

309

310

311

312

313

314

315

316

317

318

319

320

321

322

323

324

325

326

327

328

329

330

331

332

333

334



